Part Five Appendix B: Map Designations

The map information and data contained and referenced herein, designate areas within the territorial sea that are subject to section B.4., Resource and Use Inventory and Effects Evaluation and Special Resource and Use Review Standards. The maps delineate areas within the territorial sea based on the resources and uses present within them, and to which the review standards apply. Those area designations are numbered to facilitate locating and identifying individual units. Special conditions that apply to specific area units are defined.

Renewable Energy Permit Area (REPA): these areas are delineated sites for which there is an existing authorization for the development of renewable energy testing, research or facilities. Applications for renewable energy facilities within a REPA must comply with the terms and conditions required by the regulating agency authorization for the site. The total area of renewable energy facility sites authorized as REPA may not exceed three percent of the territorial sea (37.8 sq. miles or 28 sq. nautical miles).
REPA units: 1 through 2.

Renewable Energy Facility Suitability Study Area (REFSSA): an area wherein there may be ecological resources, or activities relating to commercial fishing sectors, recreational fishing, or individual ports. Renewable energy facilities may be sited within a REFSSA. Renewable energy facility development in these areas is anticipated to have the lowest potential adverse effects on inventoried marine resources and uses within state waters. A renewable energy facility proposal in a REFSSA must comply with Part Five, paragraphs B.4.a through f., and section C, and the applicable regulatory and proprietary requirements of state and federal agencies. The total area for REFSSA may not exceed five percent of the territorial sea (63 sq. miles or 47.5 sq. nautical miles).
REFSSA units: 1 through 4.

REFSSA_2 (Nestucca): Restricted to the development of marine renewable energy facilities that do not attract attention such as those that are located under the sea surface.

REFSSA_3 (Reedsport): The Federal Energy Regulatory Commission has issued a Preliminary Permit (P-13666) to Reedsport OPT Wave Park, LLC, at this site. Should OPT, or a company owning OP, fail to maintain the FERC license, the REFSSA will become a RUCA as determined by the resources and uses inventory data and information for the area.

Resources and Uses Management Area (RUMA): an area wherein there are important or significant ecological resources or areas that are economically important to commercial fishing sectors, recreational fishing, or individual ports. Renewable energy facilities may be sited within a RUMA. Under some circumstances there is a potential for renewable energy facility development to have significant adverse effects on inventoried marine resources and uses within these areas. A project proposal in a RUMA must demonstrate

that it will have no significant adverse effects on inventoried marine resources and uses as determined by the standards for protecting those resources and uses in that area.
RUMA units: 1 through 22.

Resources and Uses Conservation Area (RUCA): an area wherein there are important, significant, or unique (ISU) ecological resources, or an area that is of significant economic importance to commercial fishing sectors, recreational fishing, or individual ports. A renewable energy facility could be sited within a RUCA, though there is a high potential that most types of projects would have significant adverse effects on inventoried marine resources and uses within the area. A project proposal in a RUCA must demonstrate that the it will have no reasonably foreseeable adverse effects on inventoried marine resources and uses as determined by the standards for protecting those resources and uses in that area.
RUCA units: 1 through 16

Renewable Energy Exclusion Area (REEA): special management areas. These areas contain permitted or managed uses that have some form of exclusive right or authority to exclude, restrict or control other uses in that area, including dredge material disposal sites, marine reserves and marine protected areas. Regulating agencies will not accept renewable energy facility applications within a REEA.
REEA units: 1 through 13

Proprietary Use and Management Area (PUMA): areas wherein there are authorized uses and special management designations. These areas are subject to some form of authority to restrict or control other uses. Examples of these types of authorizations include undersea fiber-optic or scientific instrumentation, cable corridors, and navigation channel and pilotage safety corridors. Regulating agencies will not accept renewable energy facility applications in these areas unless the use is legally permissible and complies with the authorized use of the area.
PUMA units: 1 through 8

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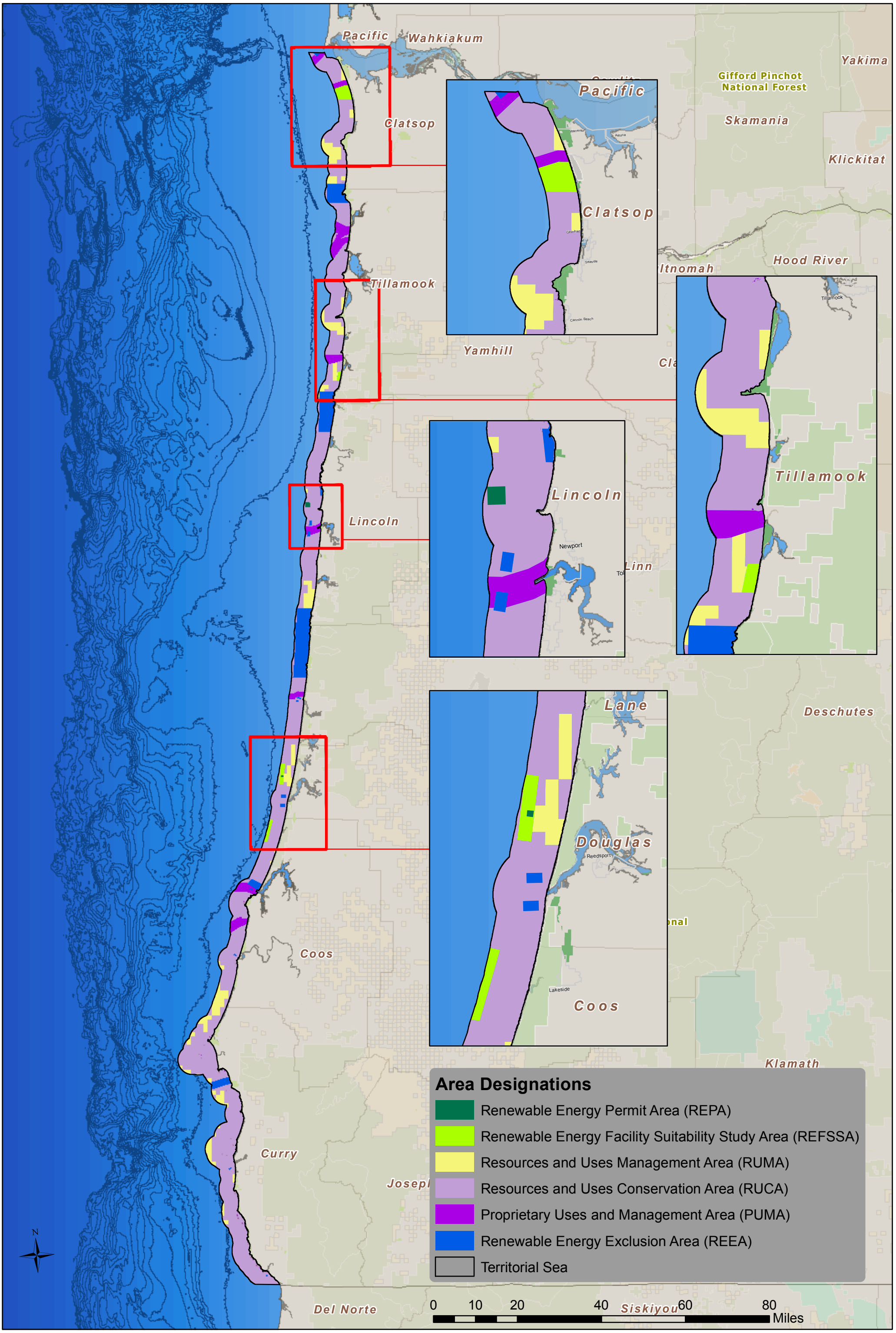
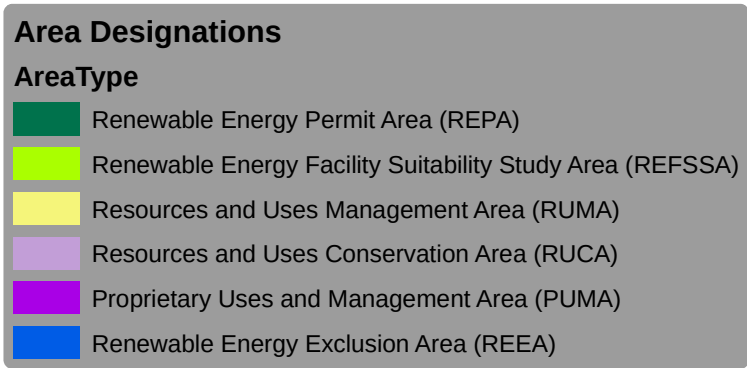


Territorial Sea Plan Part Five

Plan Map Area Designation: Area Unit Identification Index



The area designation units are numbered sequentially from north to south for each area type.

REPA Unit identification: REPA 1 through REPA 2

REFFSA Unit identification: REFSSA 1 through REFSSA 4

RUMA Unit identification: RUMA 1 through RUMA 22

RUCA Unit identification: RUCA 1 through RUCA 16

PUMA Unit identification: PUMA 1 through PUMA 8

REEA Unit identification: REEA 1 through REEA 14

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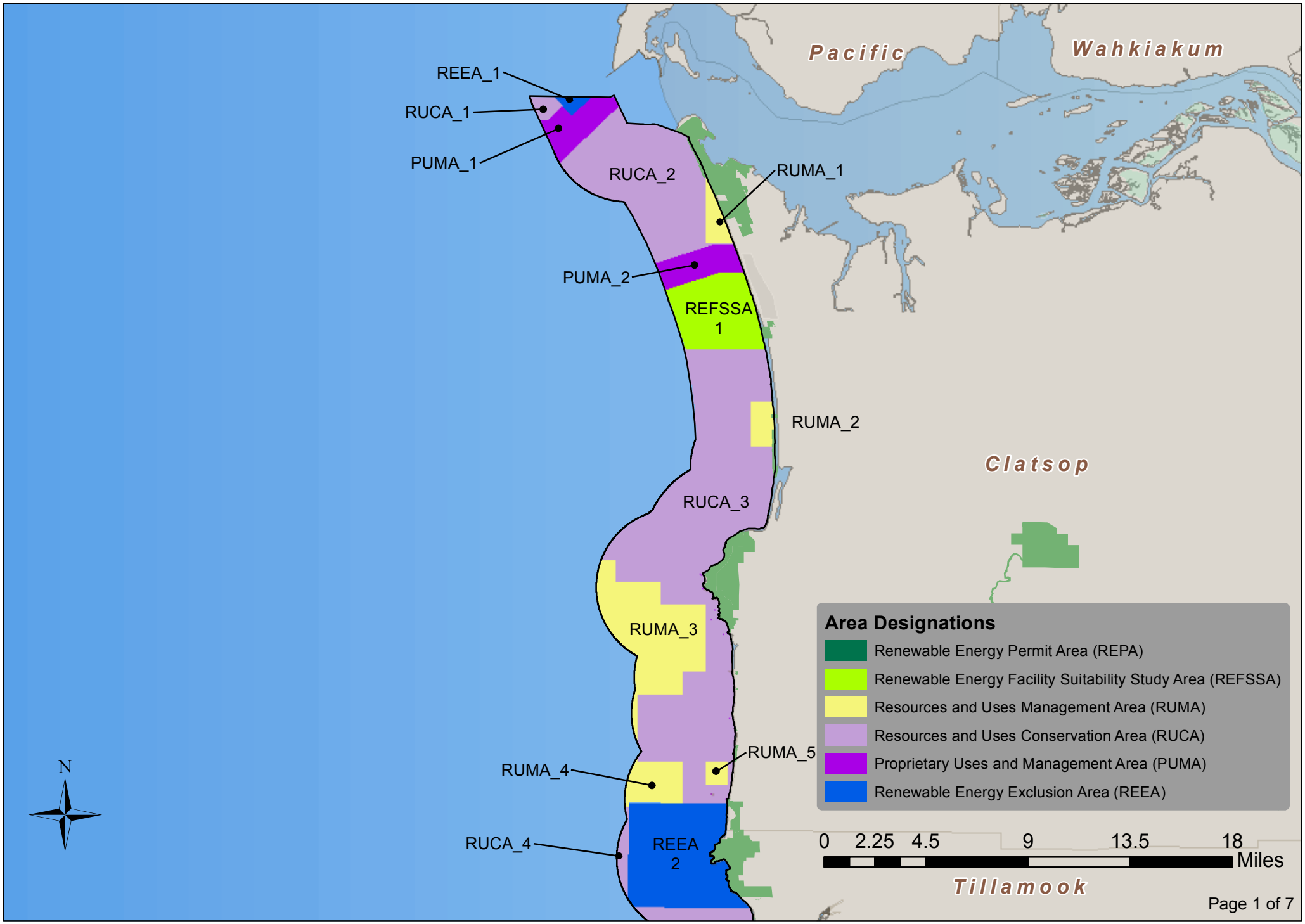

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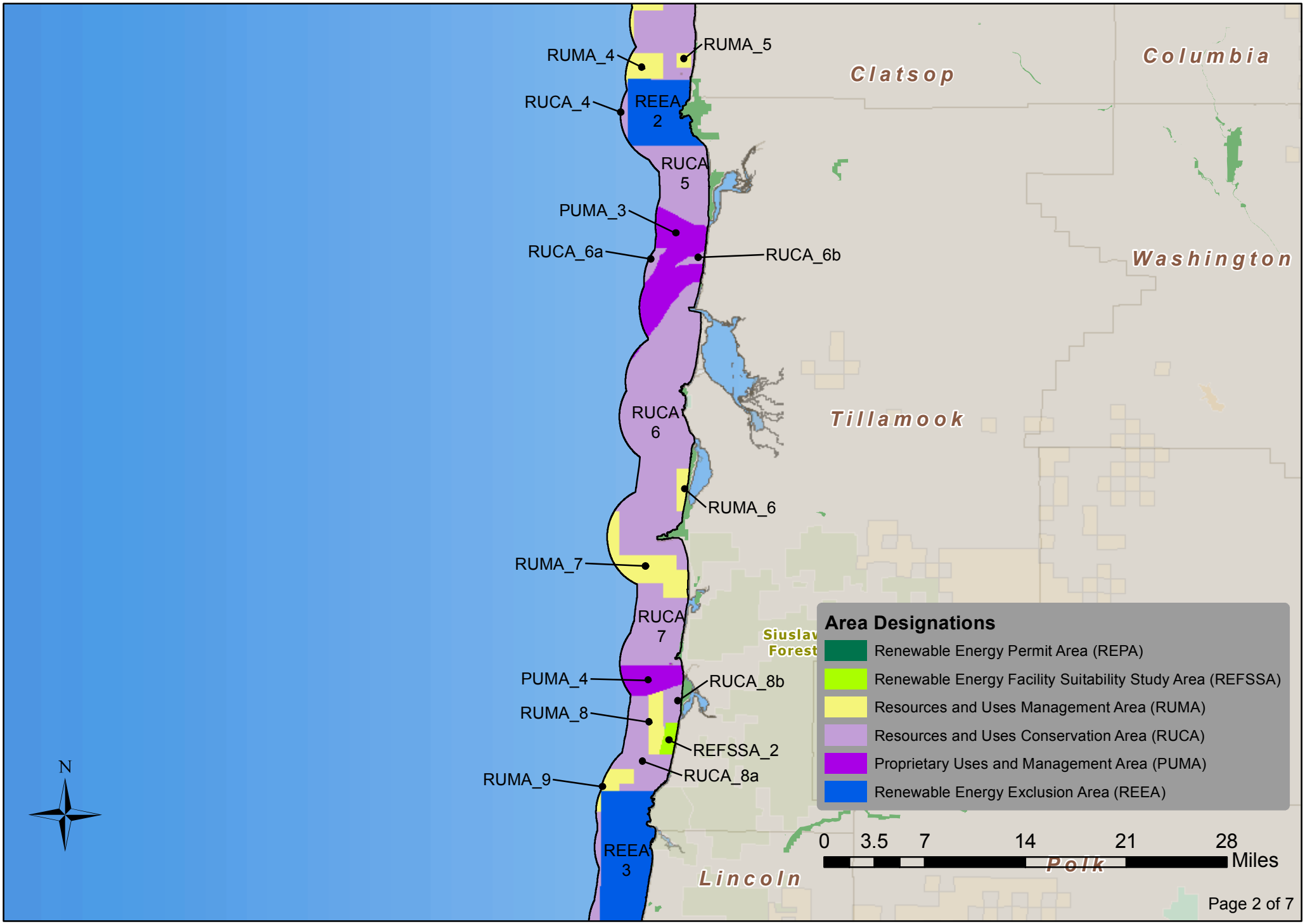

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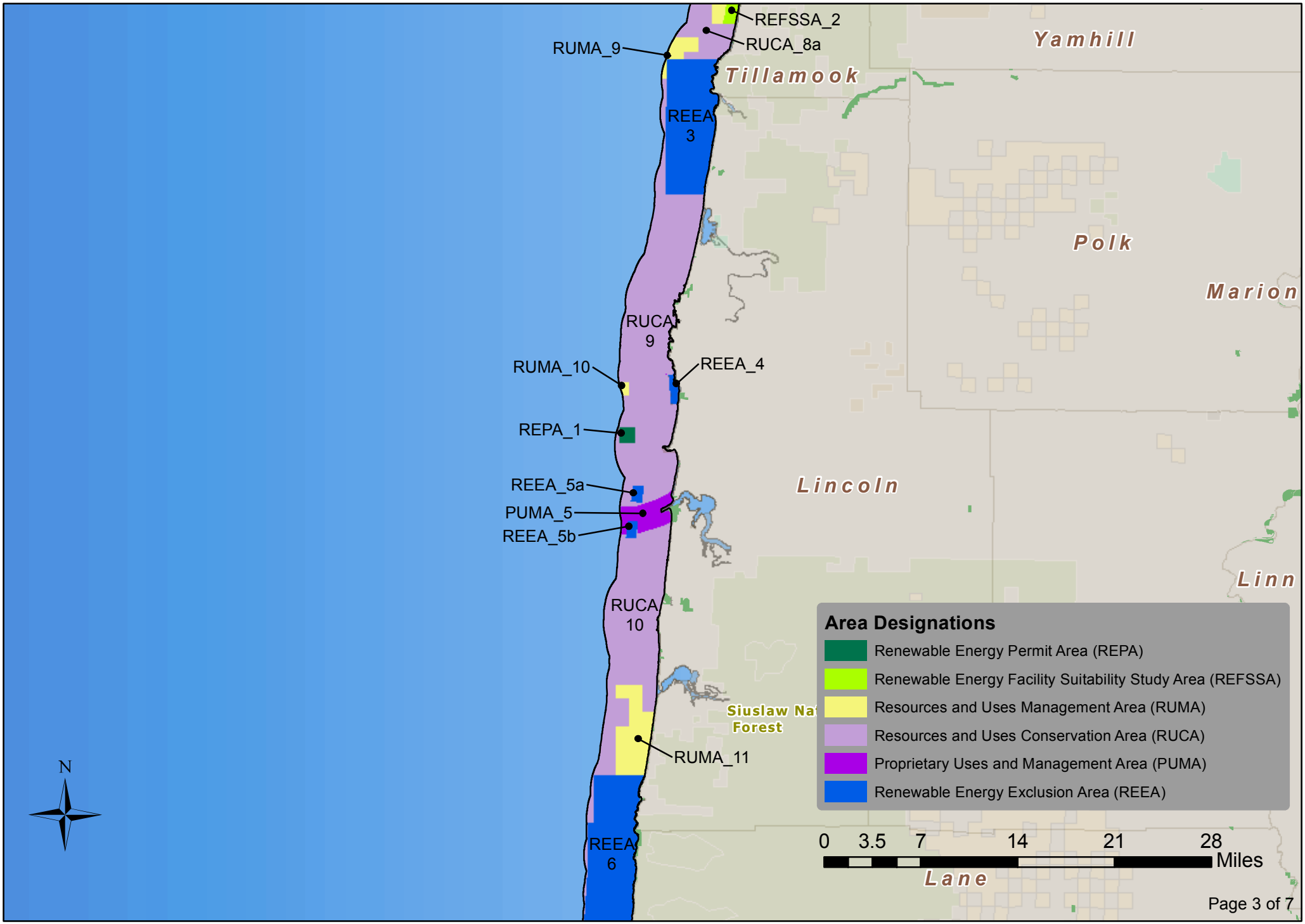
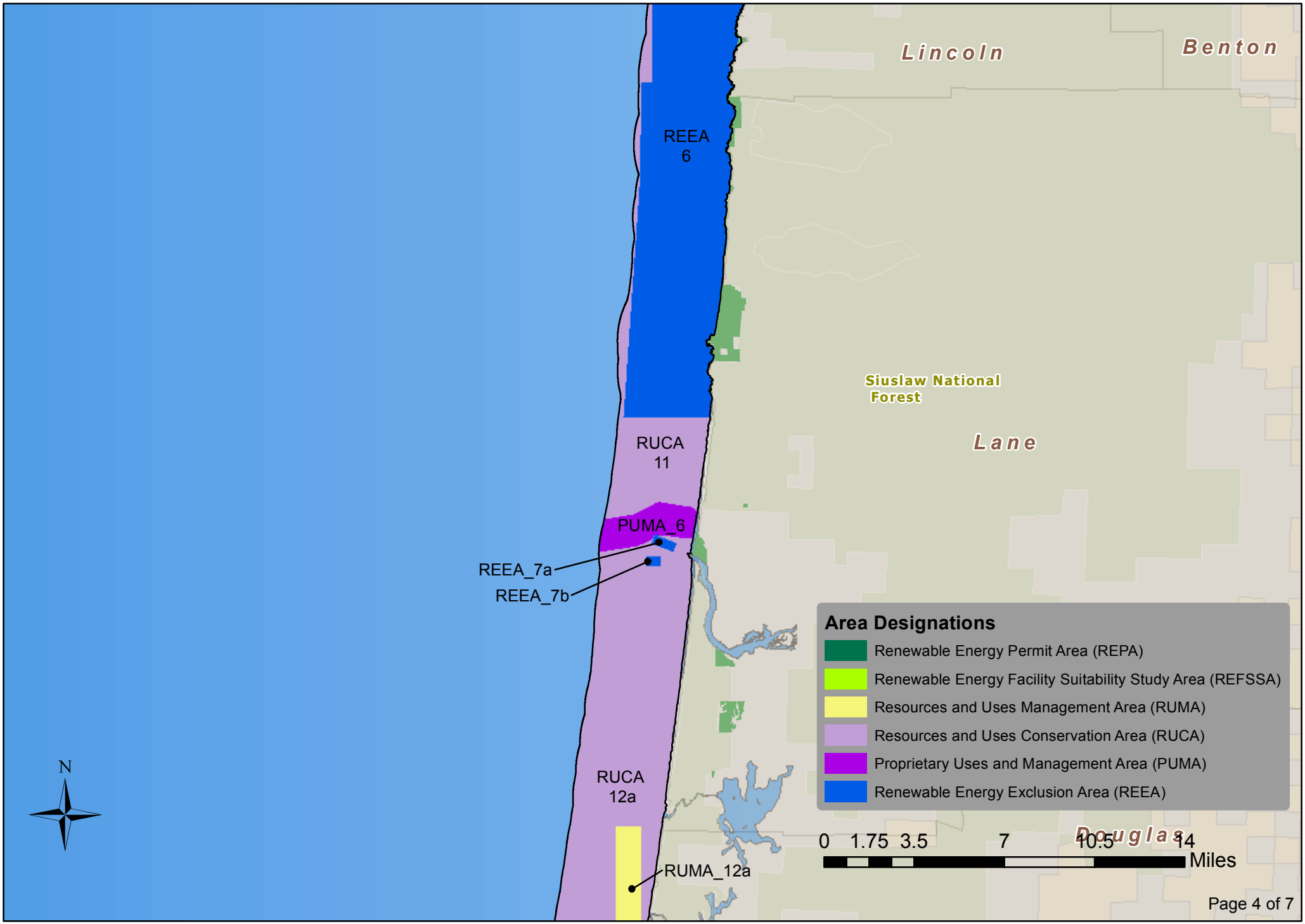
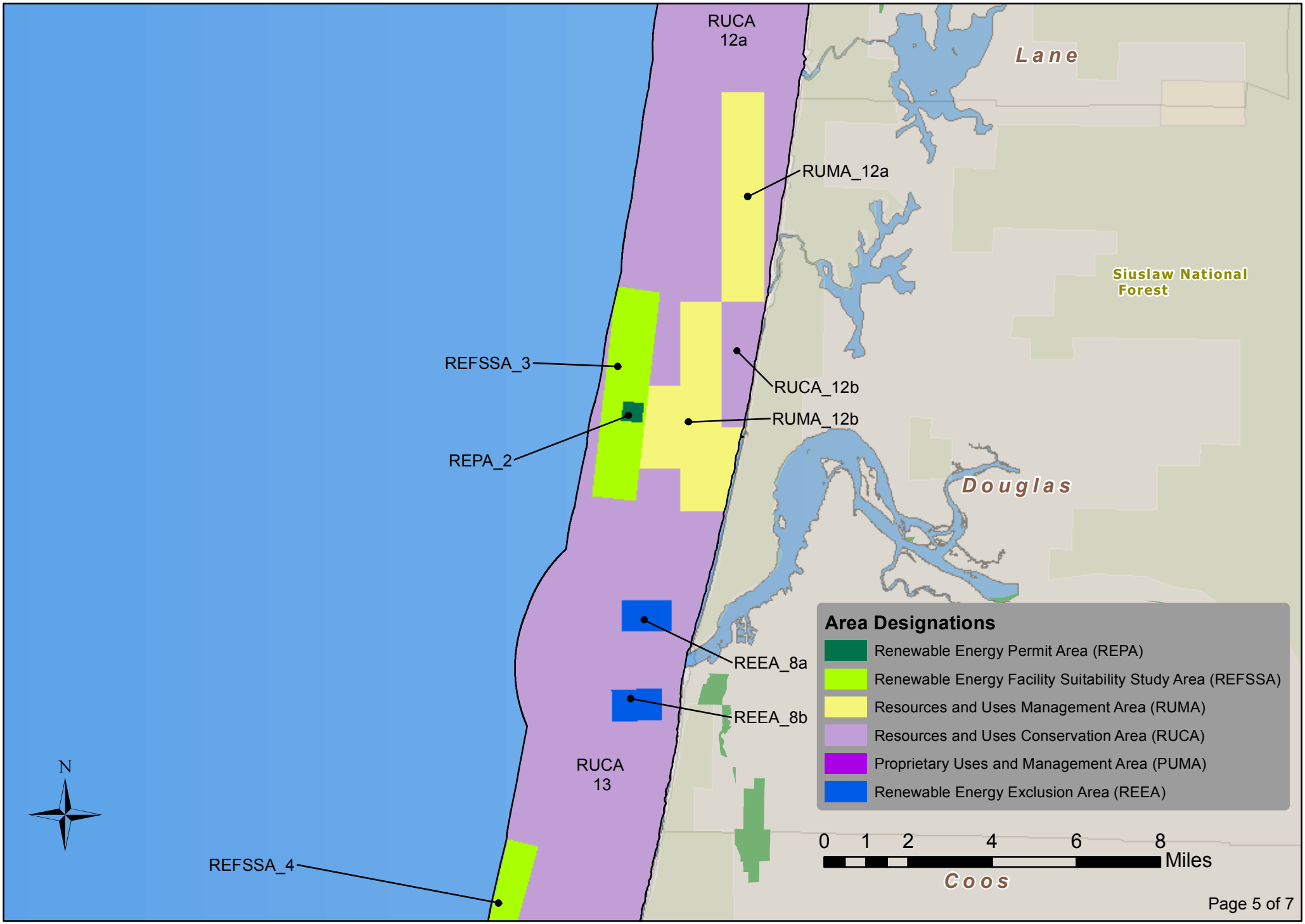


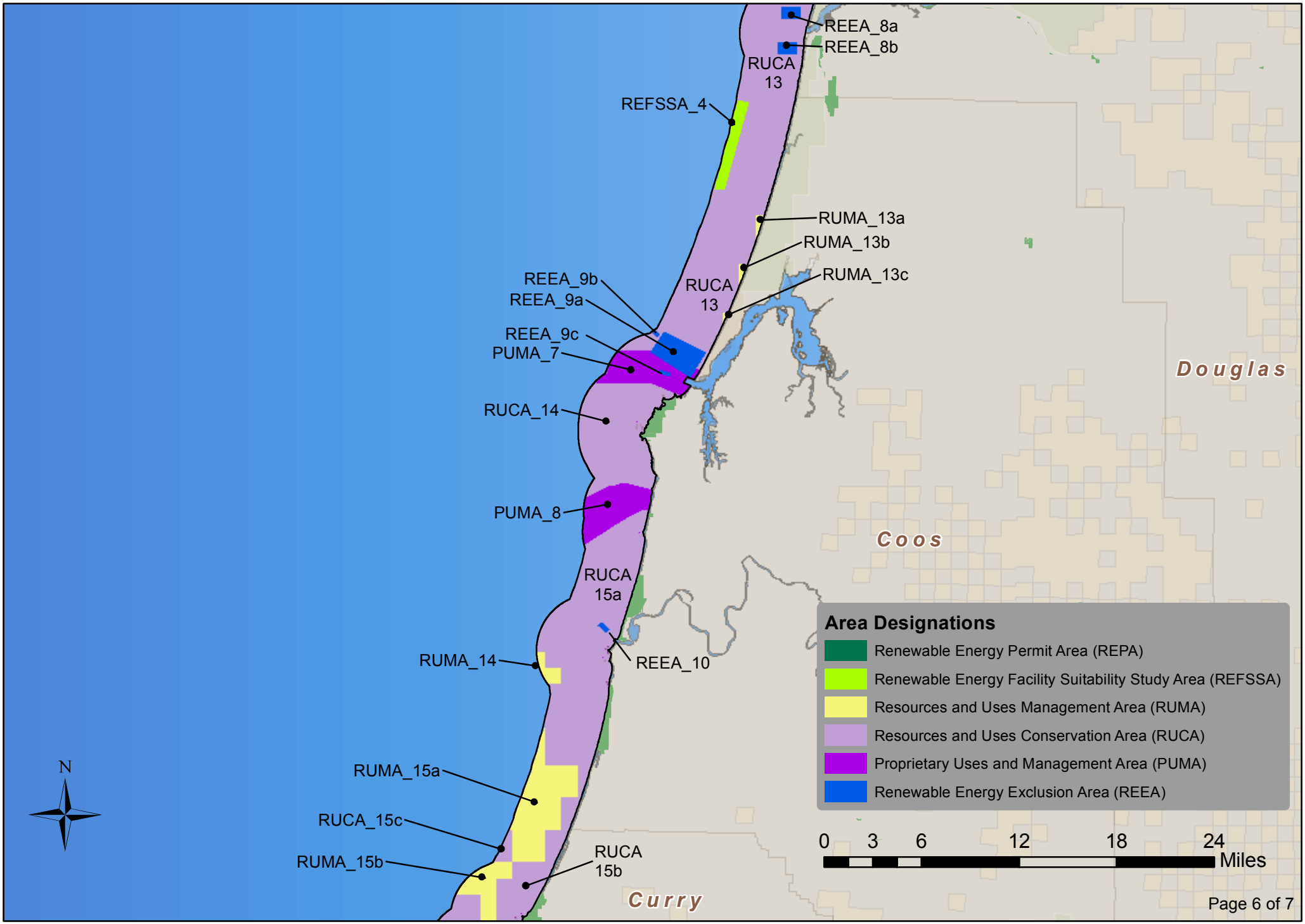
Territorial Sea Plan Part Five Appendix B - Plan Map Area Designation Index



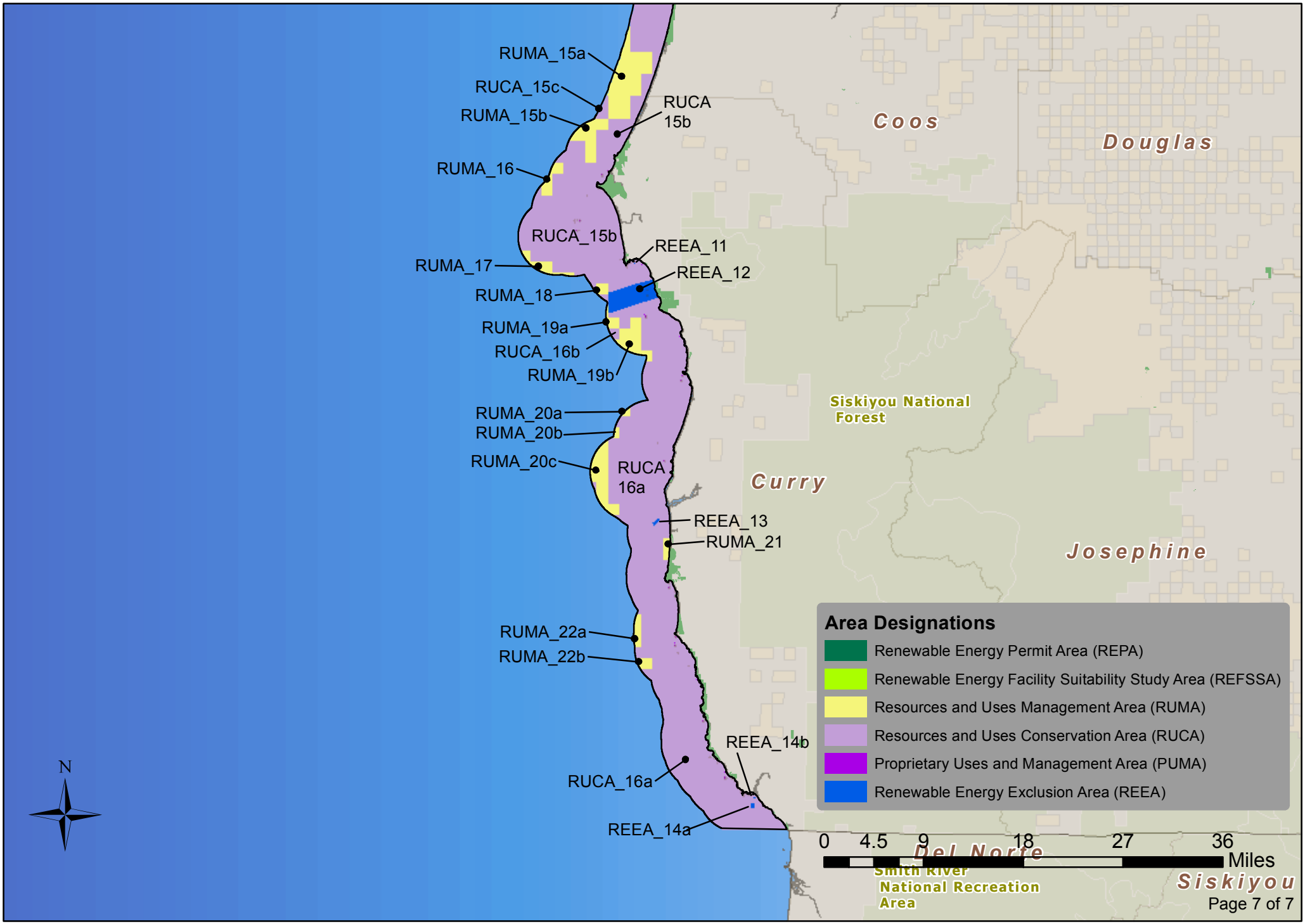
Territorial Sea Plan Part Five Appendix B - Plan Map Area Designation Index



Territorial Sea Plan Part Five Appendix B - Plan Map Area Designation Index



Territorial Sea Plan Part Five Appendix B - Plan Map Area Designation Index



Territorial Sea Plan Part Five: Resources and Uses Inventory Data Sets

The geospatial data sets for marine resources and uses listed below were used as the basis for delineating the areas that form the Territorial Sea Plan Part Five Plan Map.

Beneficial Uses Data Sets

- Dredge Material Disposal
- Commercial Shipping Lanes
- Coastal Discharge Outfalls
- National Wildlife Refuges
- NNMREC Test Site
- Submarine Cables
- State Marine Managed Areas
- FERC Preliminary Permits
- Tugboat Towlanes
- Ocean Recreation
- Navigational Aides
- Nearshore Research Inventory
- Visual Resource Management Class Map

Ecological Resources Data Sets

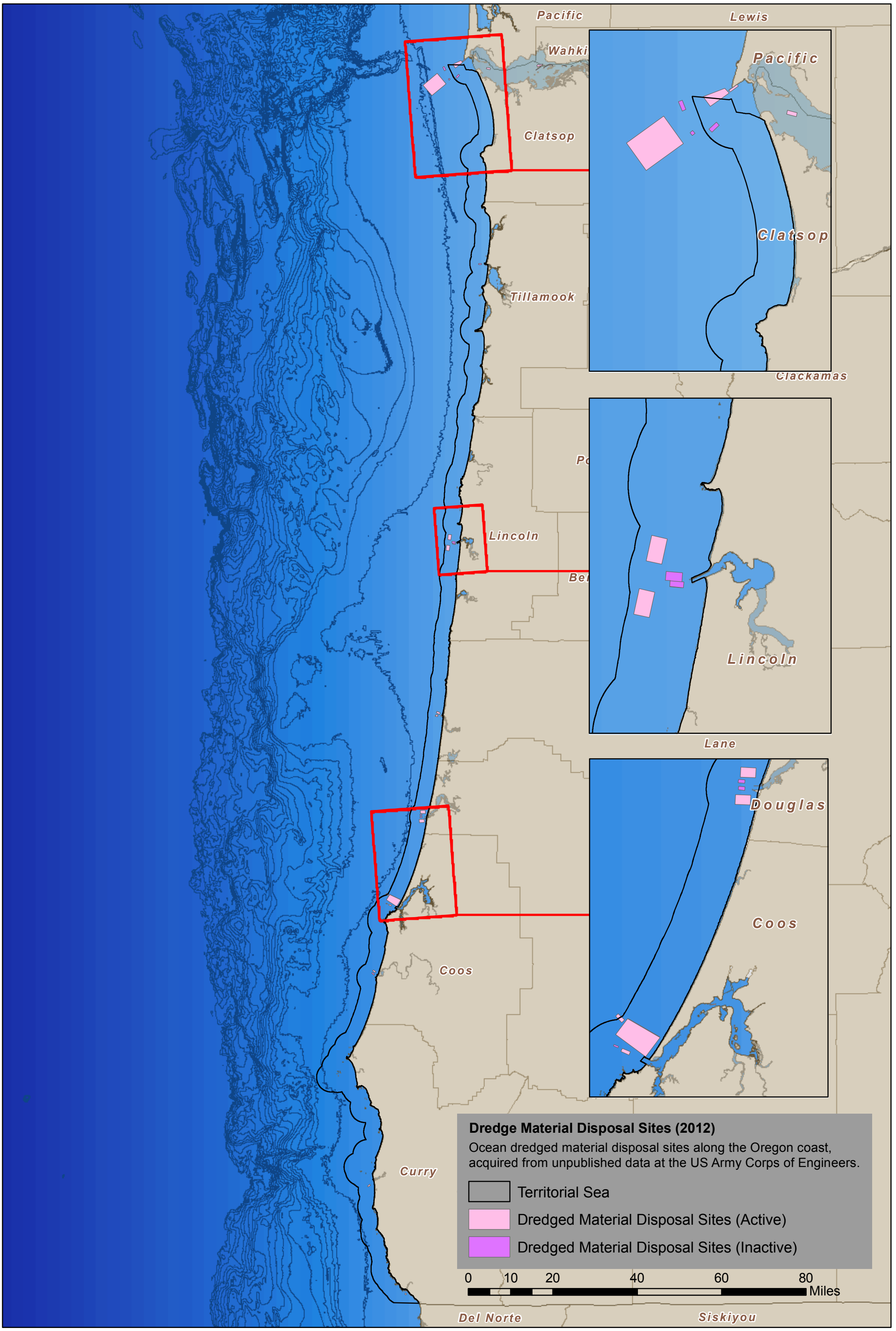
- Canopy Kelp Beds
- Subtidal Rocky Reef
- Rocky Shores Habitat
- Pinniped Haulouts
- Steller Sea Lion Critical Habitat
- Nesting Seabird Colony Locations
- Western Snowy Plover Habitat
- Ecological Hotspots
- Gray Whale Foraging
- Marbled Murrelet Foraging

Fisheries Use Data Sets

- Multi-sector Area Fishing Grounds Value Maps
- Dungeness Crab Fishing Grounds Port Value Maps
- Dungeness Crab Fishing Grounds Statewide Value Maps

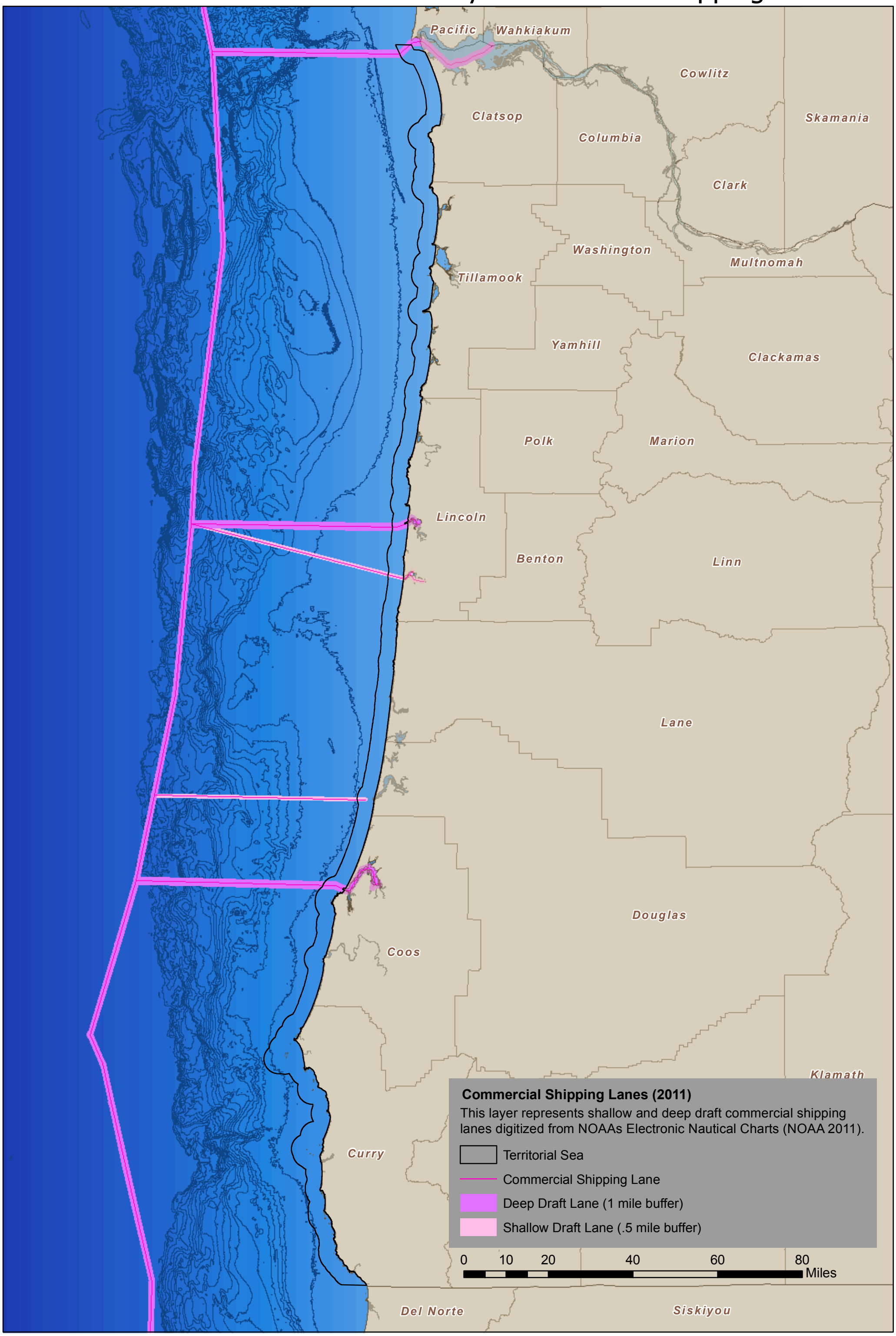
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Dredge Material Disposal



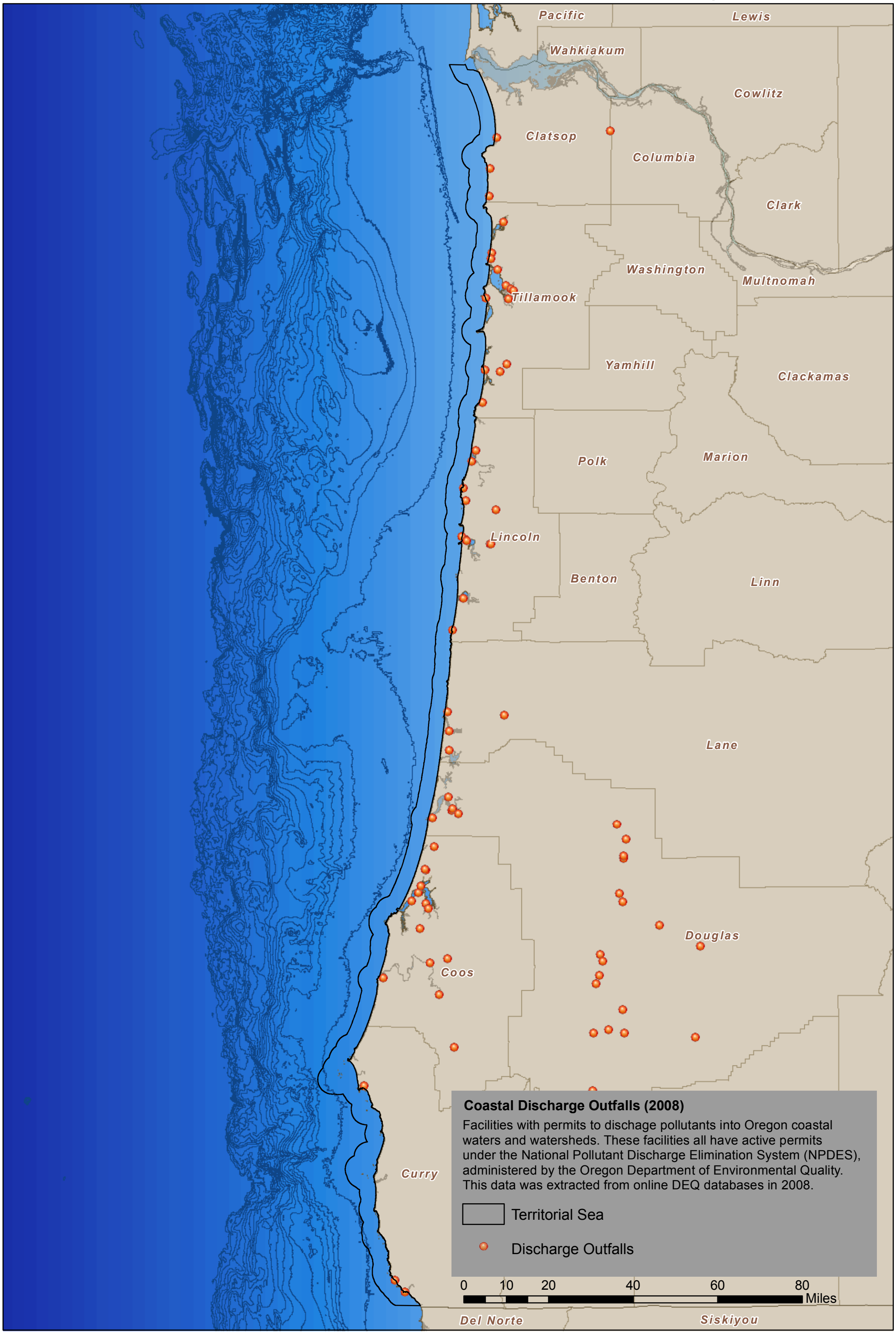
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Commercial Shipping Lanes



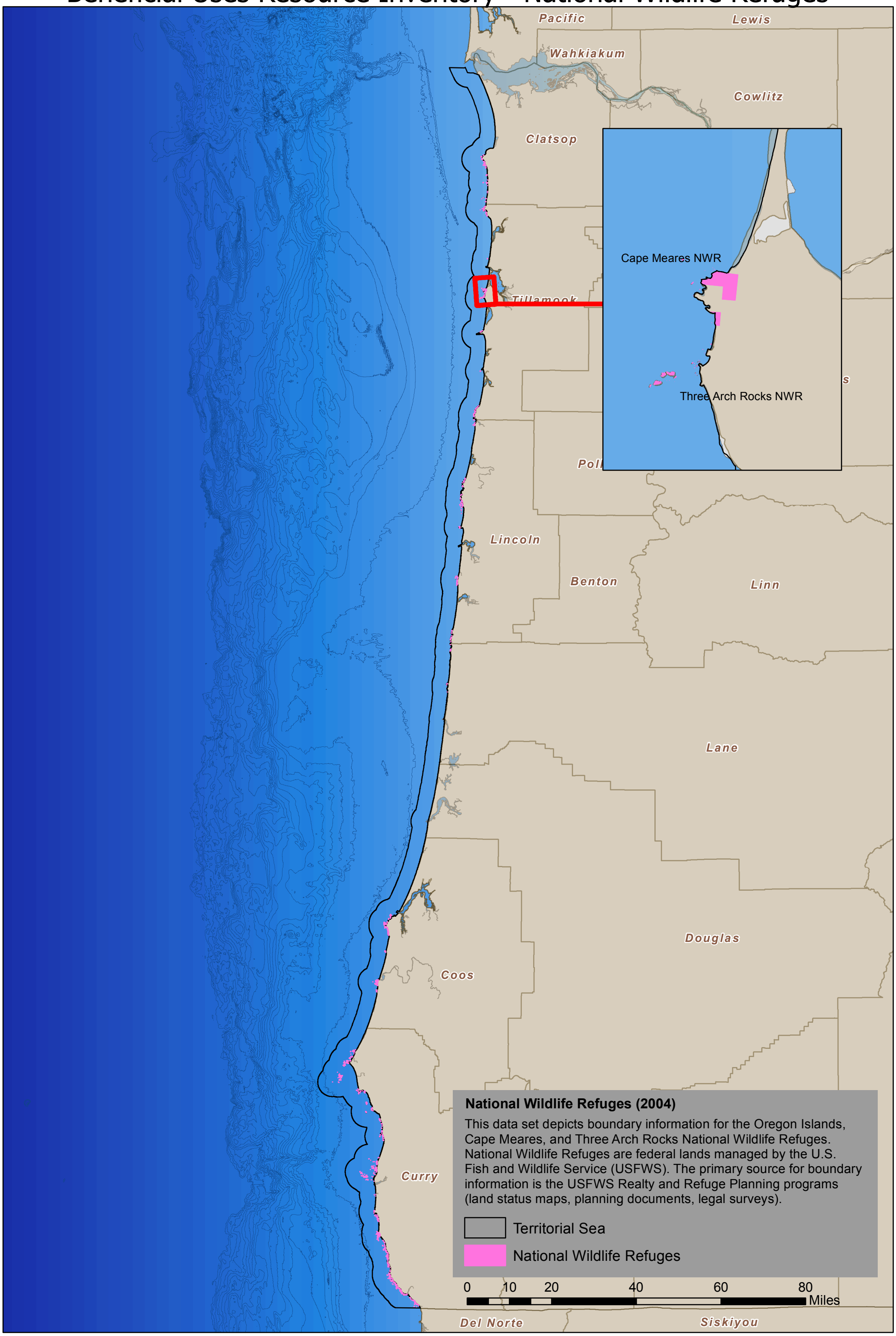
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Coastal Discharge Outfalls



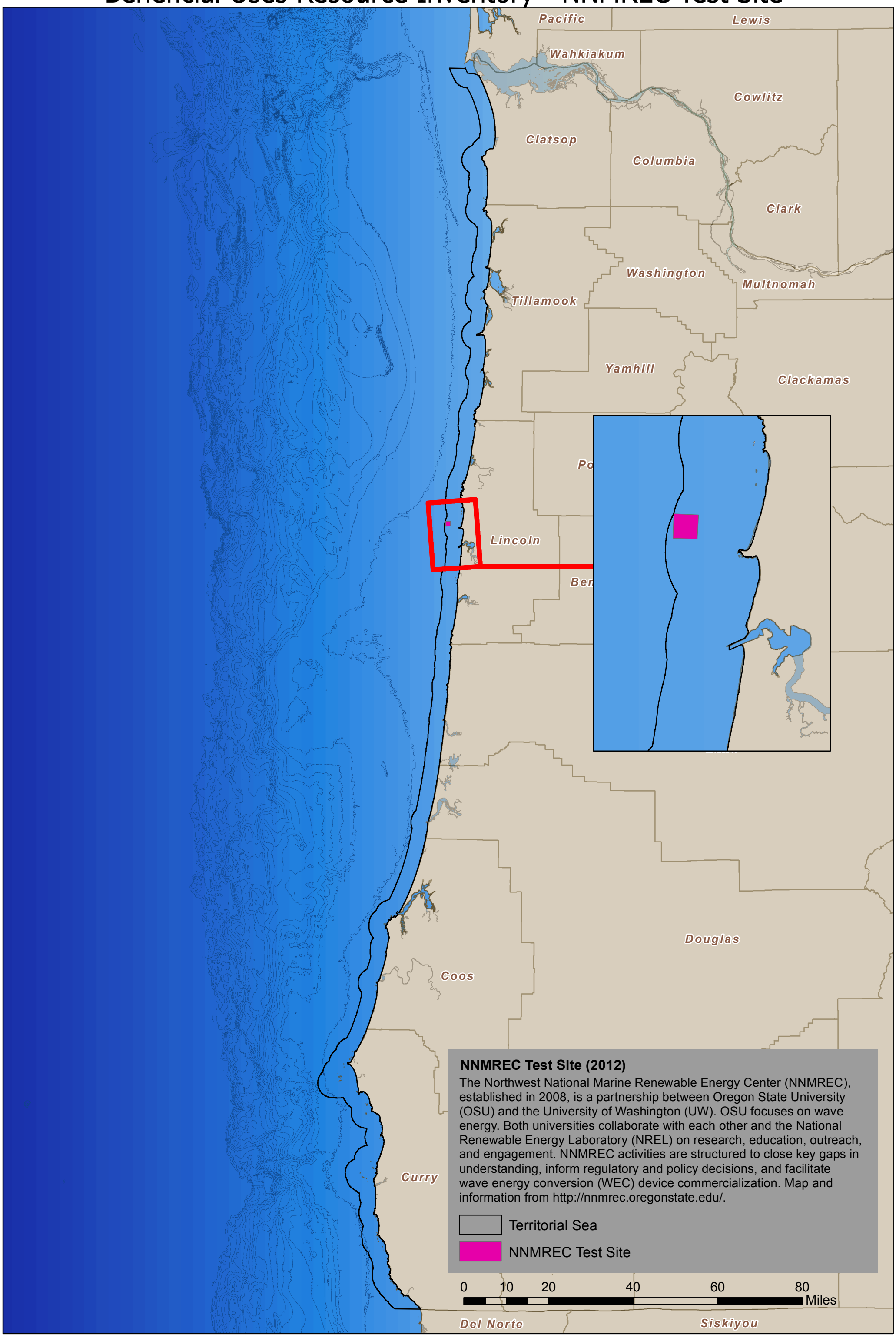
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - National Wildlife Refuges



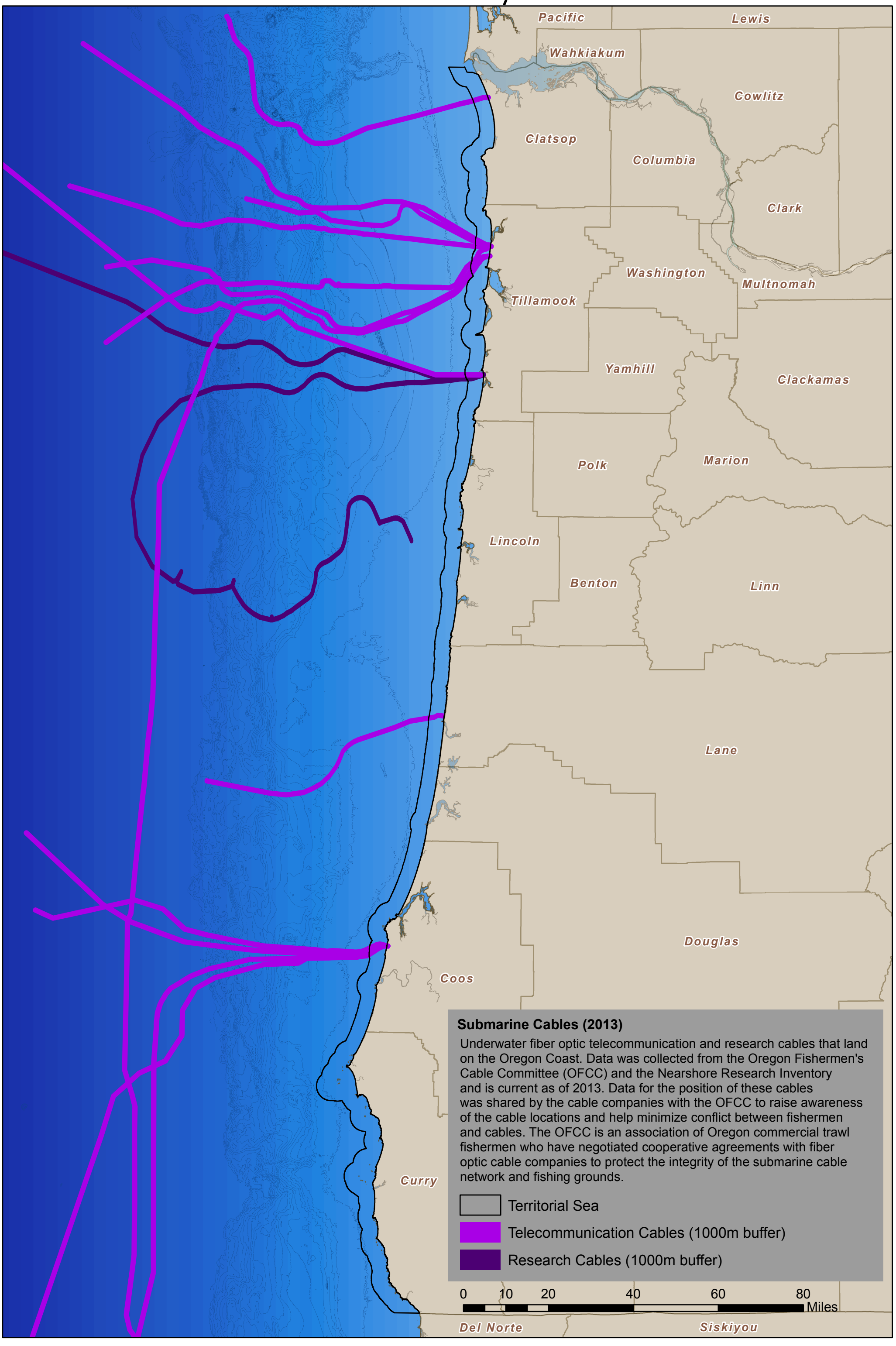
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - NNMREC Test Site



Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Submarine Cables



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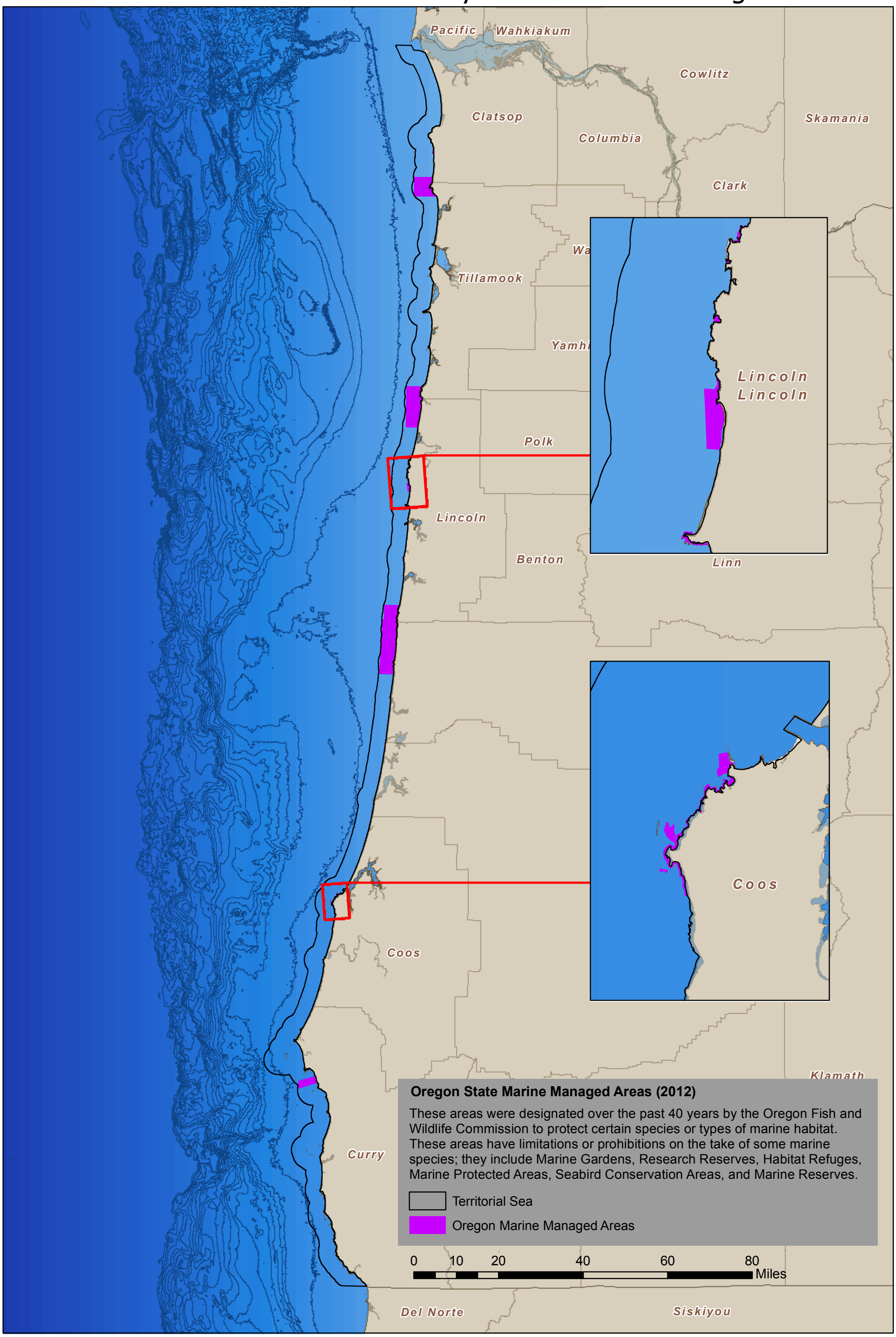
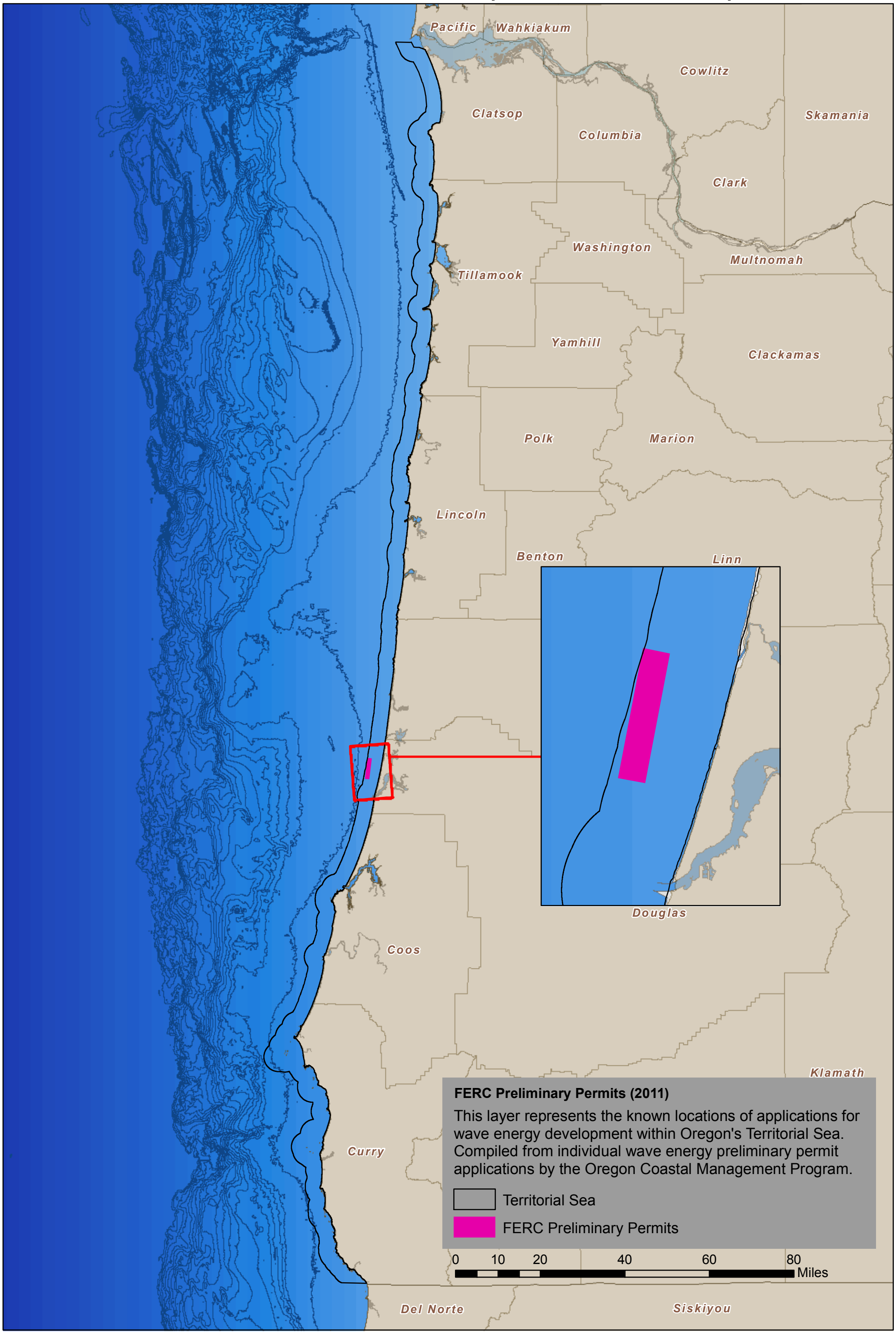
Beneficial Uses Resource Inventory - State Marine Managed Areas



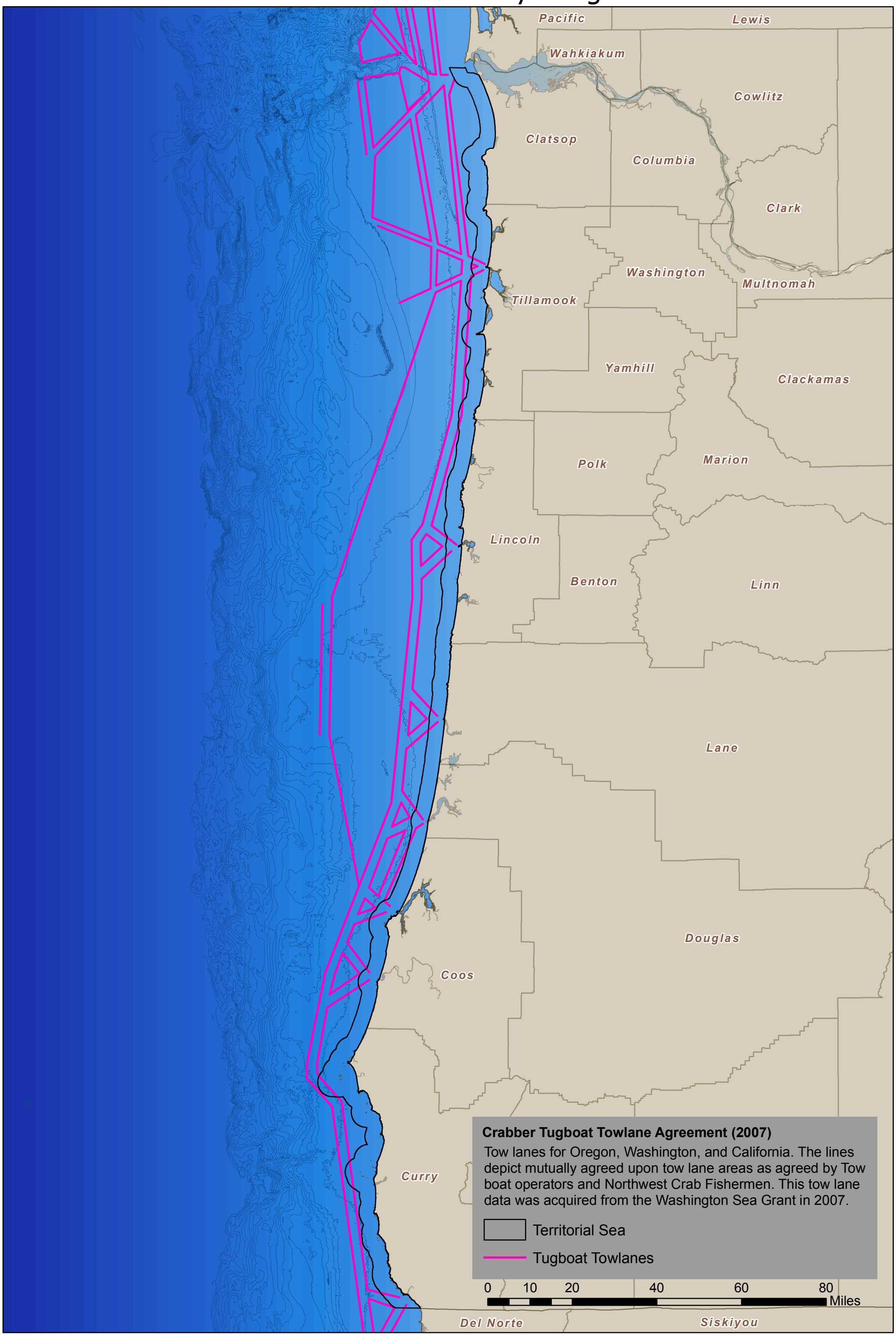
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - FERC Preliminary Permits



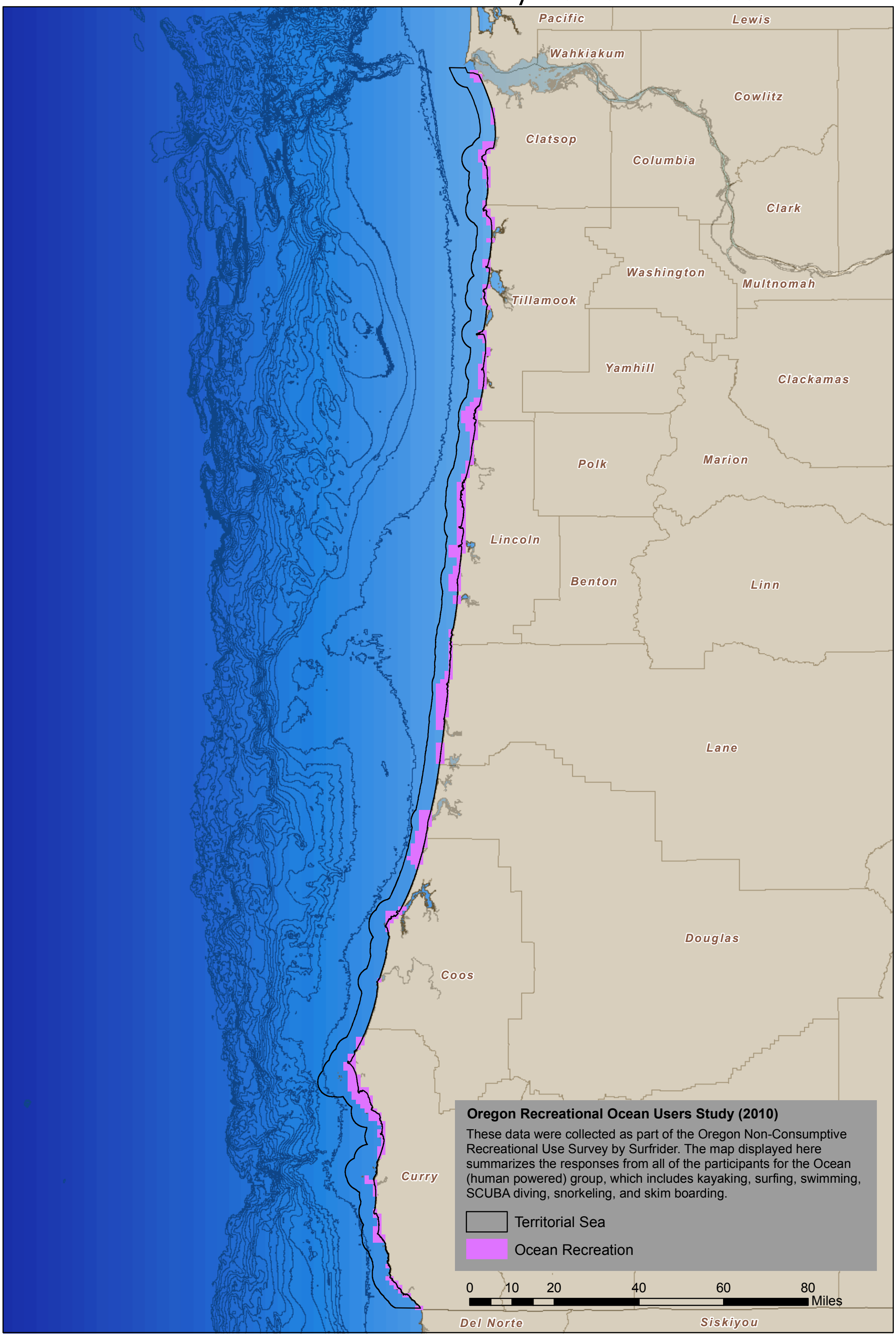
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Tugboat Towlanes



Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Ocean Recreation



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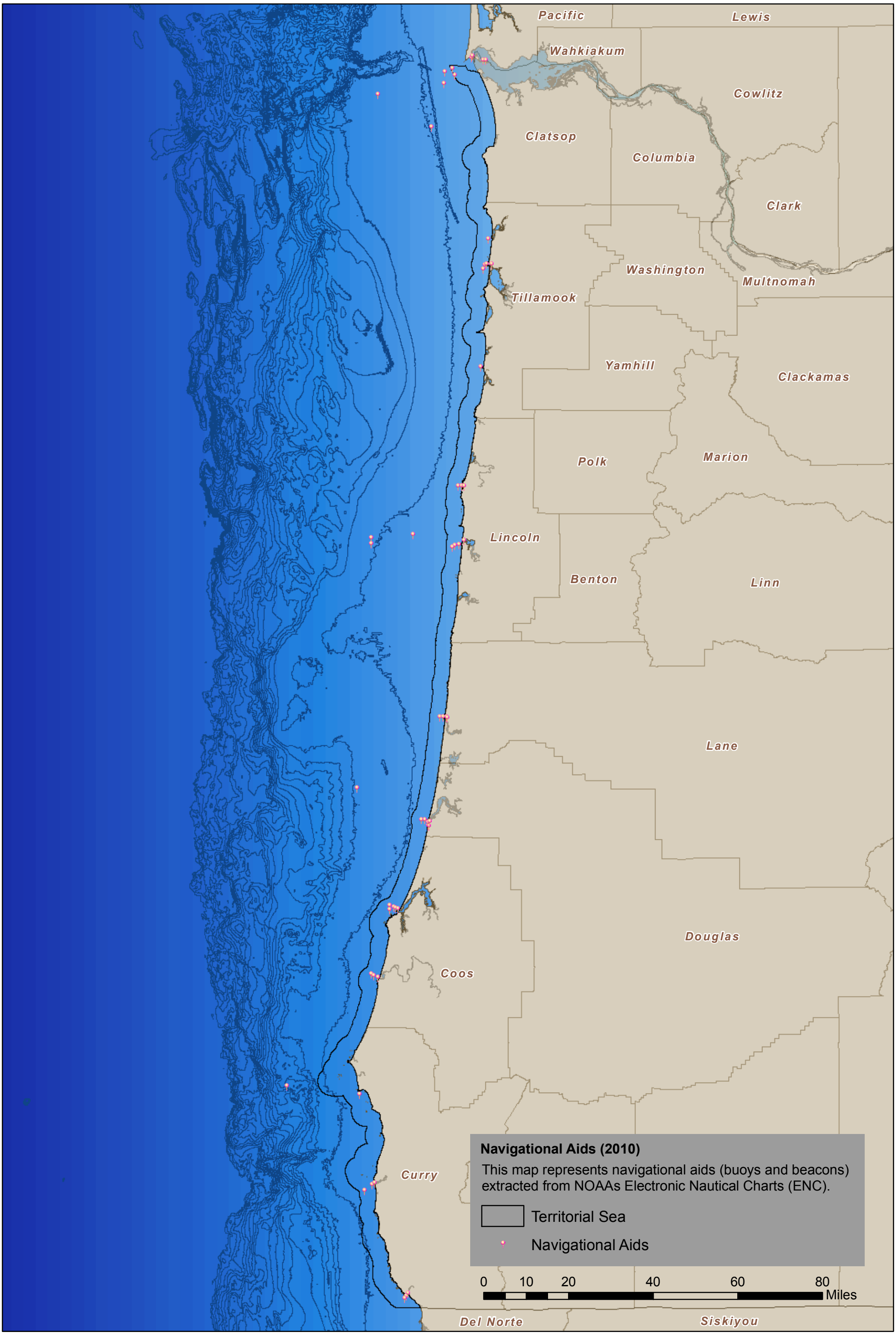
Beneficial Uses Resource Inventory - Navigational Aids



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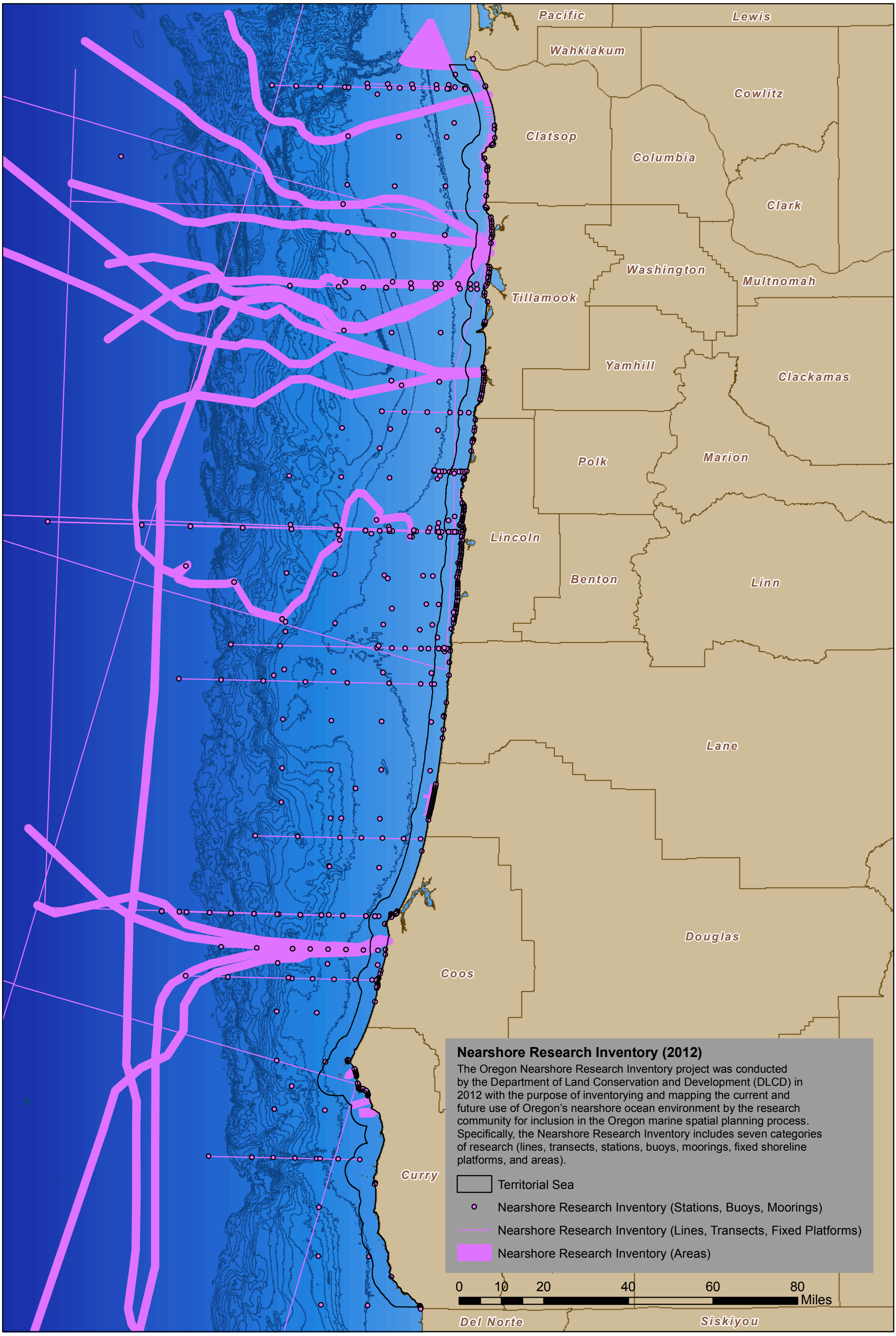
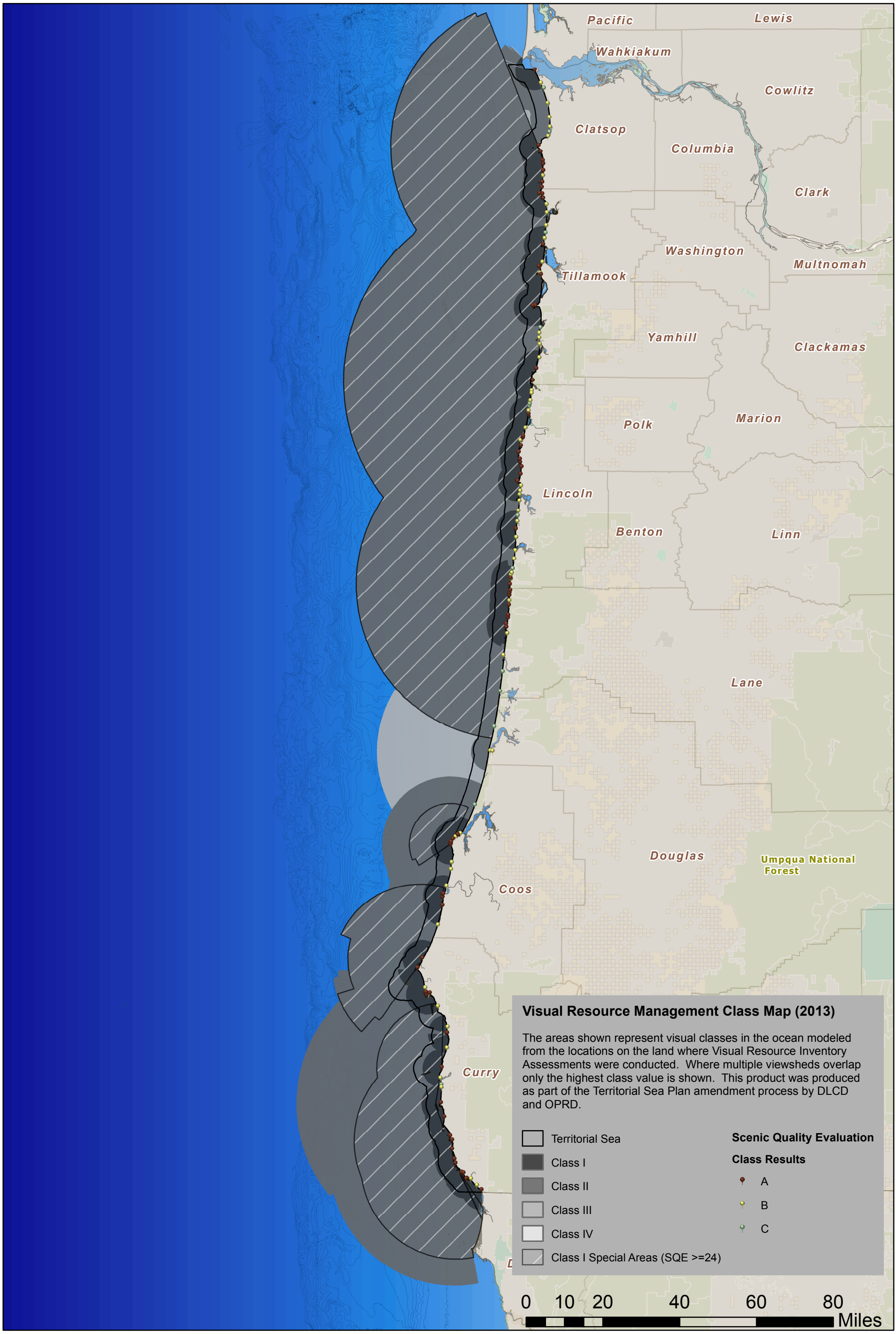
Beneficial Uses Resource Inventory - Nearshore Research Inventory



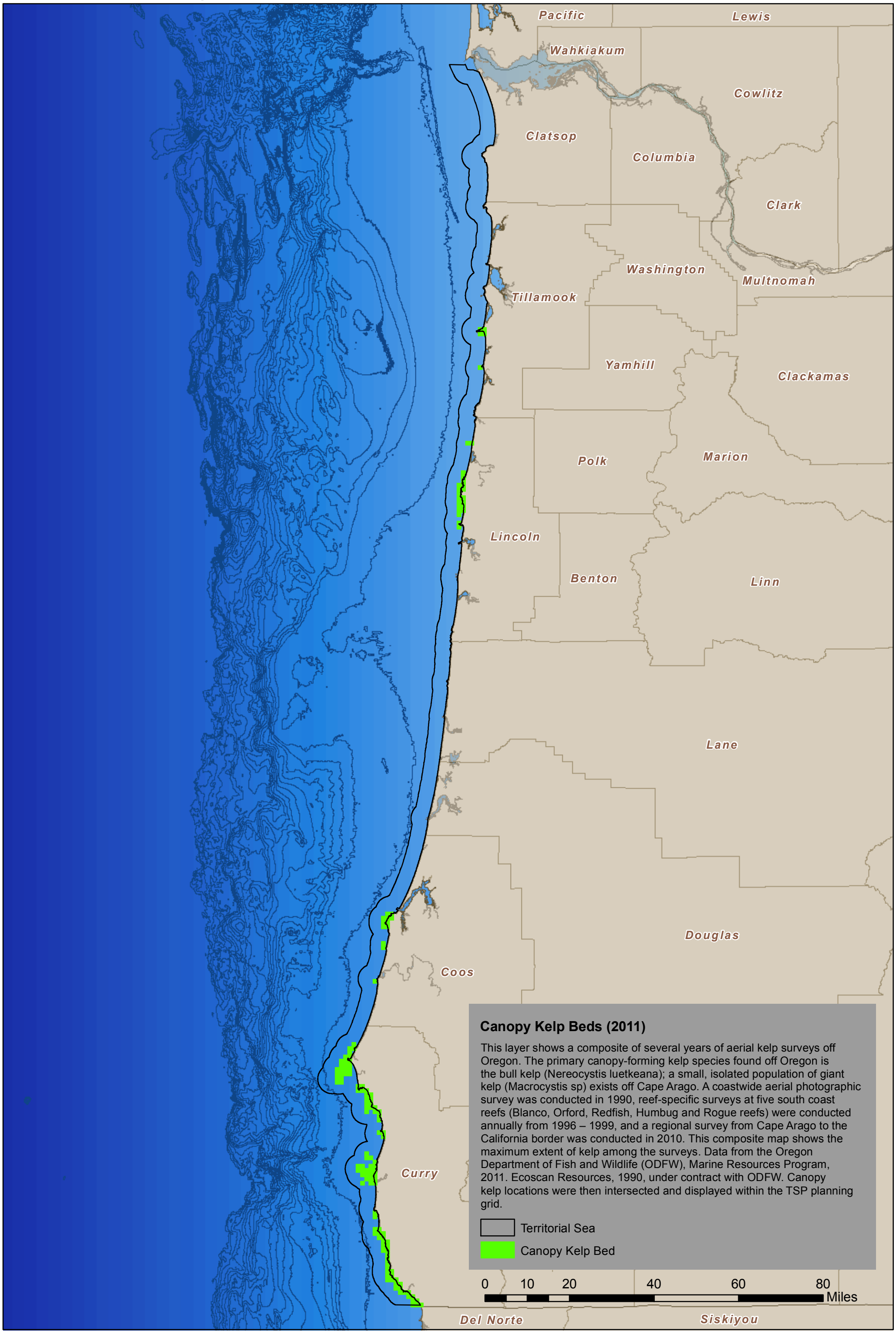
Territorial Sea Plan Part Five Appendix B - Plan Map

Beneficial Uses Resource Inventory - Visual Resource Class Map



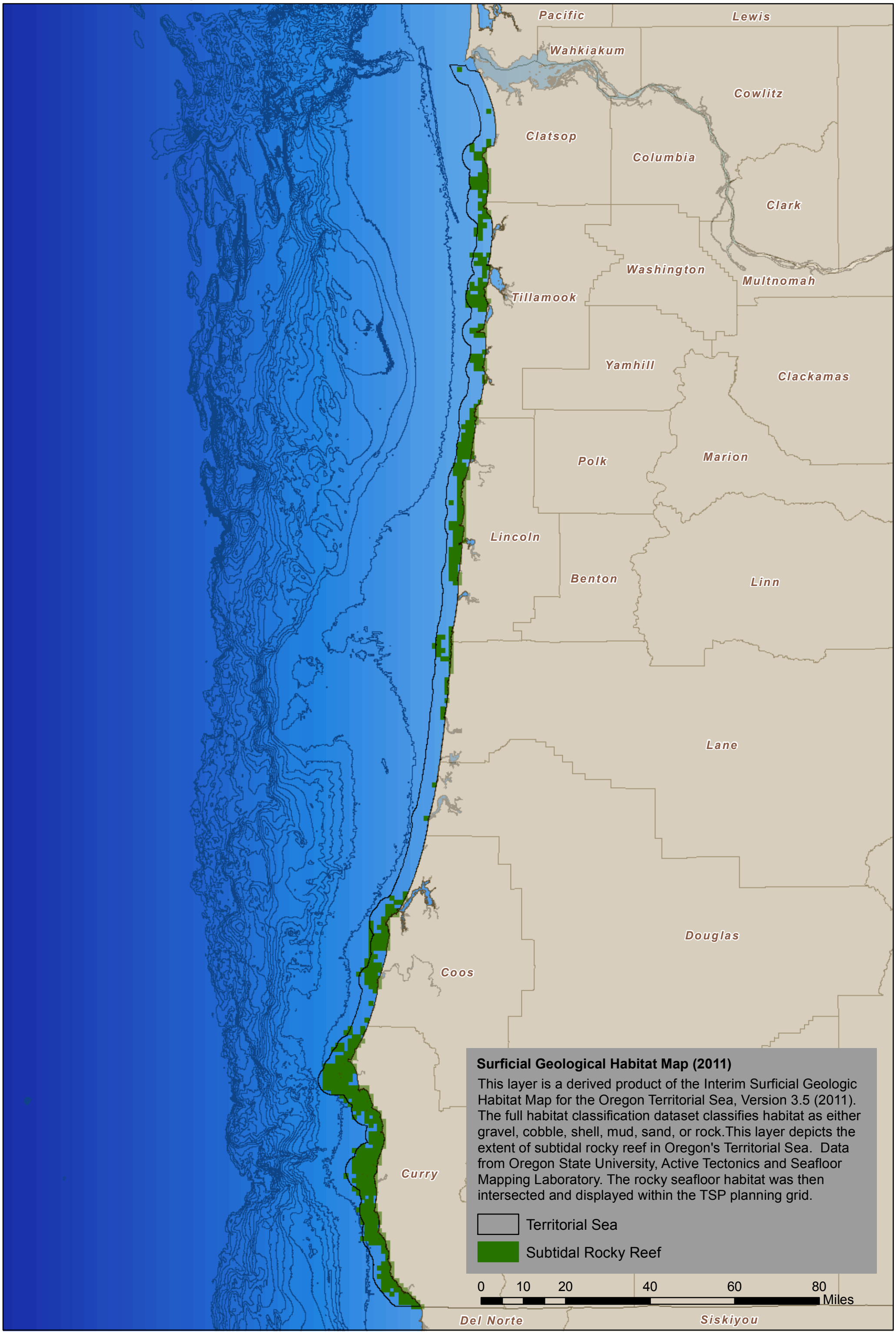
Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Canopy Kelp Beds



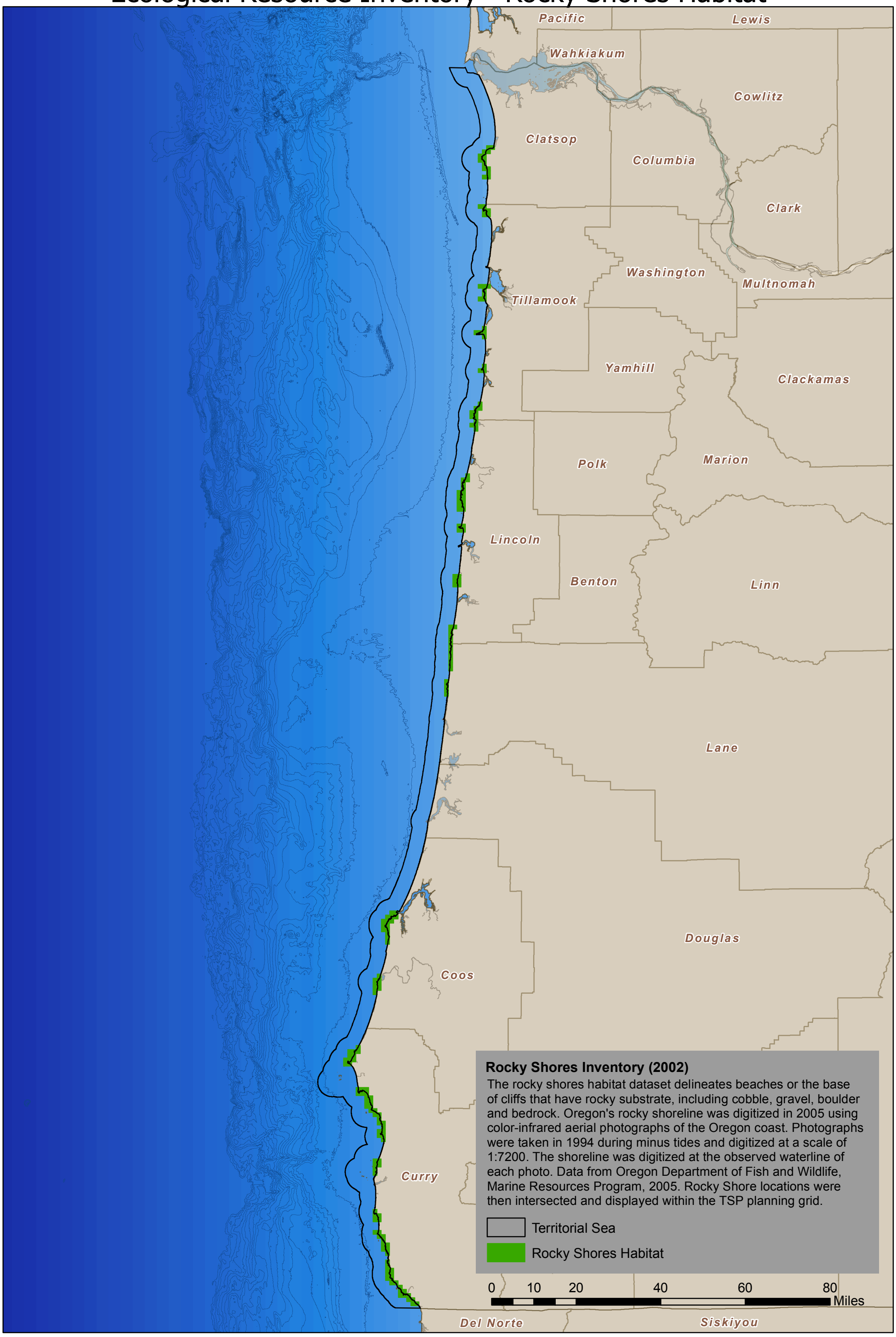
Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Subtidal Rocky Reef



Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Rocky Shores Habitat



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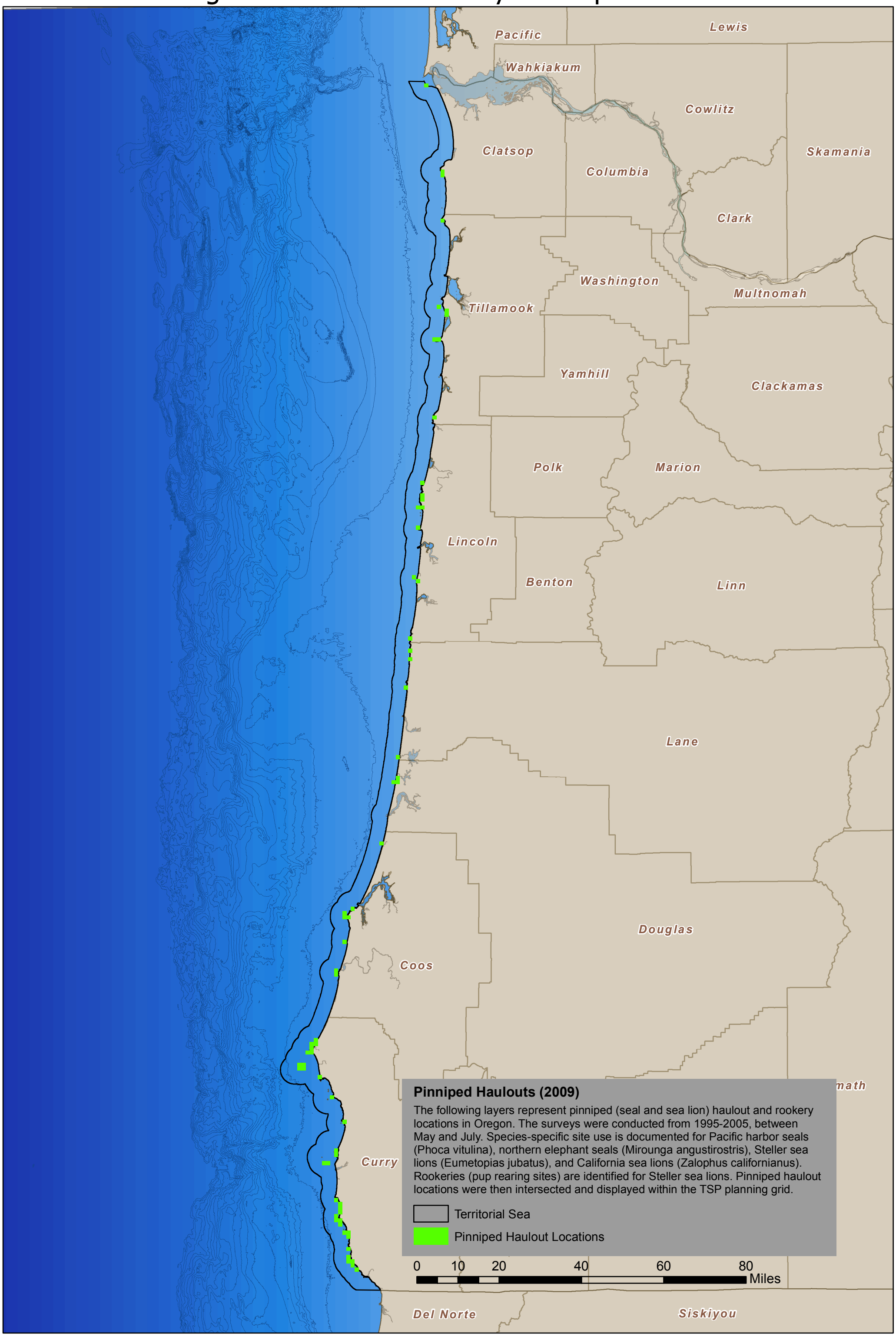
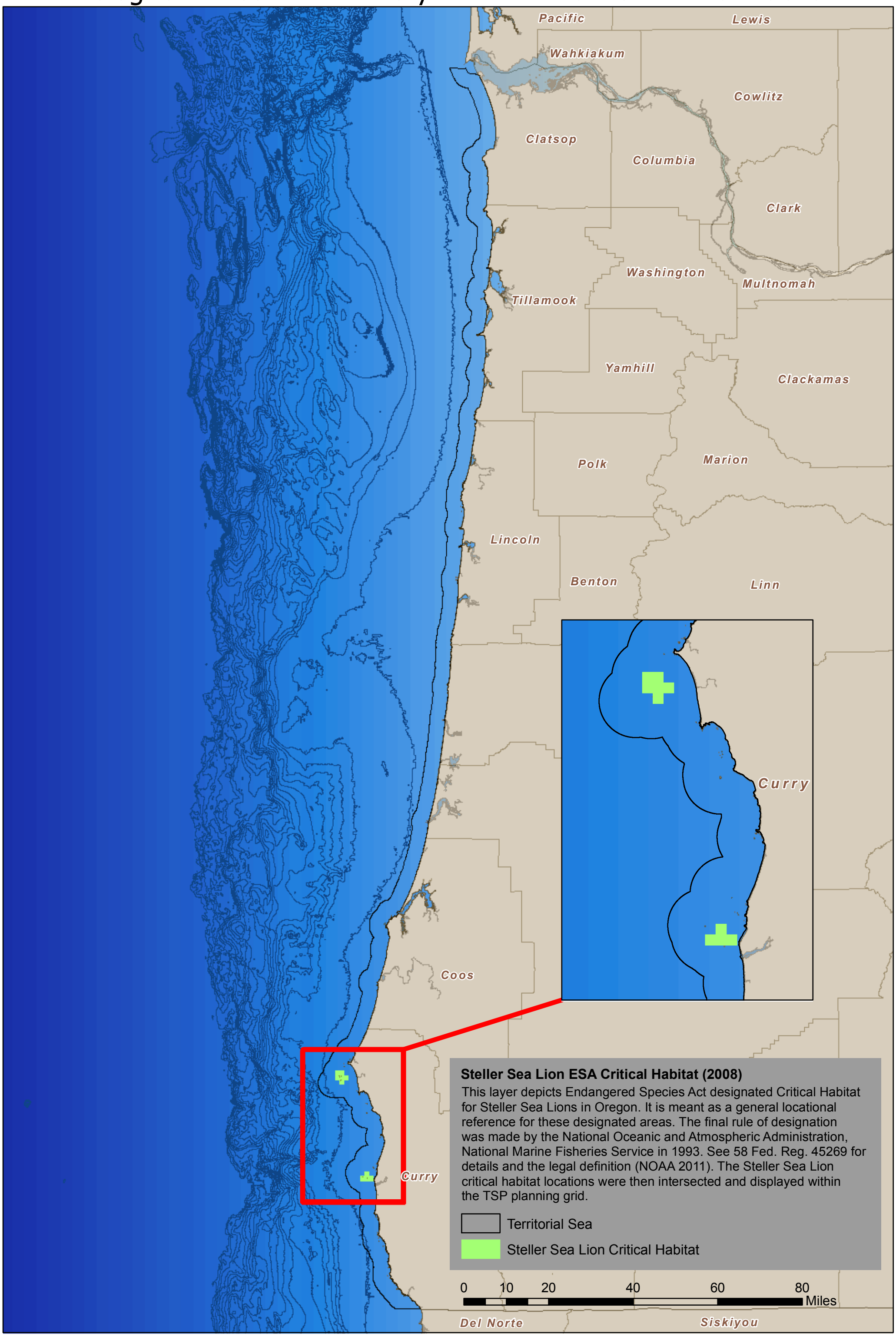
Ecological Resource Inventory - Pinniped Haulouts



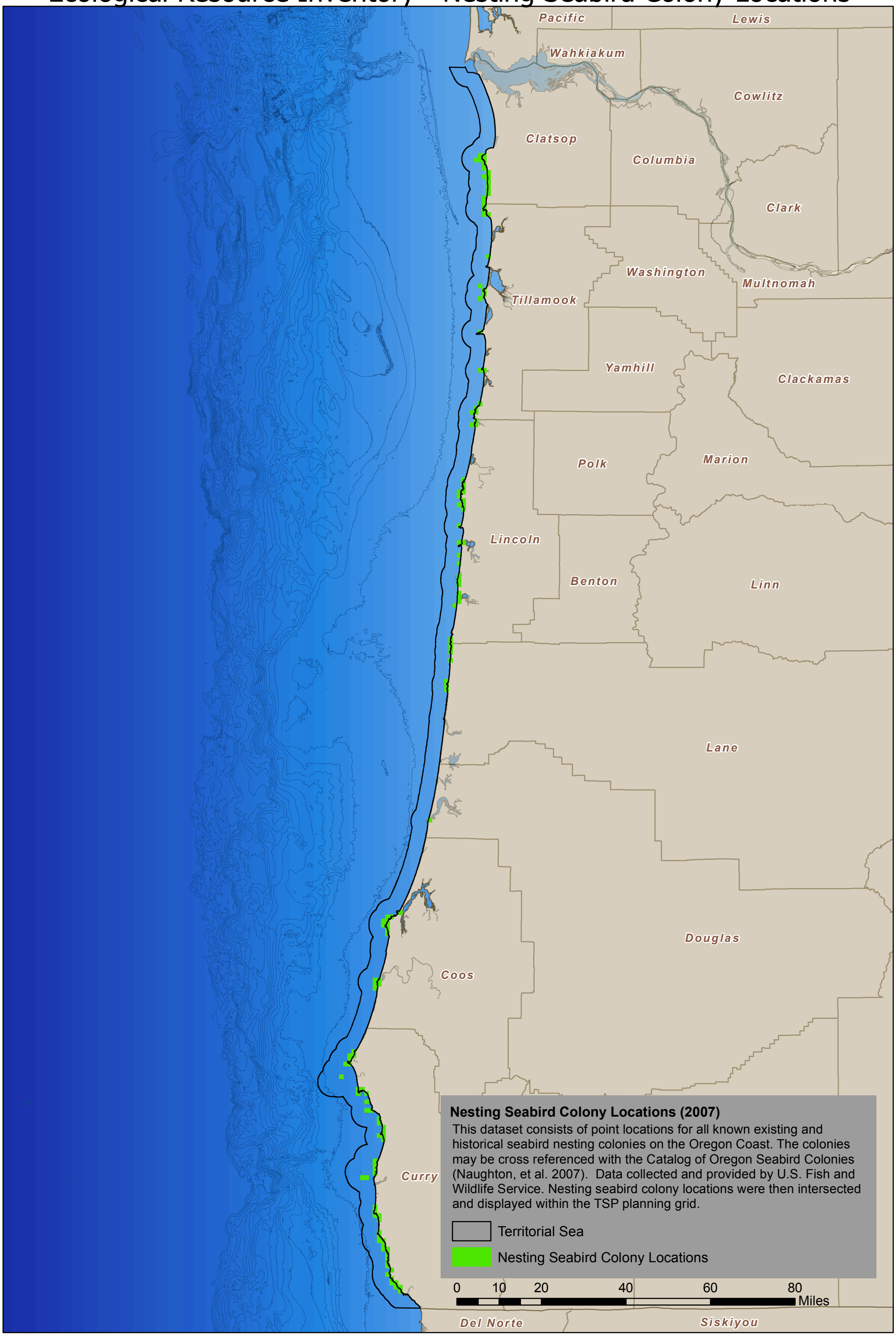
Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Steller Sea Lion Critical Habitat



Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Nesting Seabird Colony Locations



Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Western Snowy Plover Critical Habitat

Pacific
Lewis
Wahkiakum
Cowlitz
Clatsop
Columbia
Clark
Washington
Multnomah
Tillamook
Yamhill
Clackamas
Polk
Marion
Lincoln
Benton
Linn
Lane
Douglas
Coos
Curry
Del Norte
Siskiyou

Western Snowy Plover Critical Habitat (2005)

This dataset depicts areas designated in 2005 as critical habitat for the Western Snowy Plover under the Endangered Species Act (ESA). Data obtained from US Fish and Wildlife Service and are described in the Federal Register 70 FR 59670. The Western Snowy Plover critical habitat locations were then intersected and displayed within the TSP planning grid.

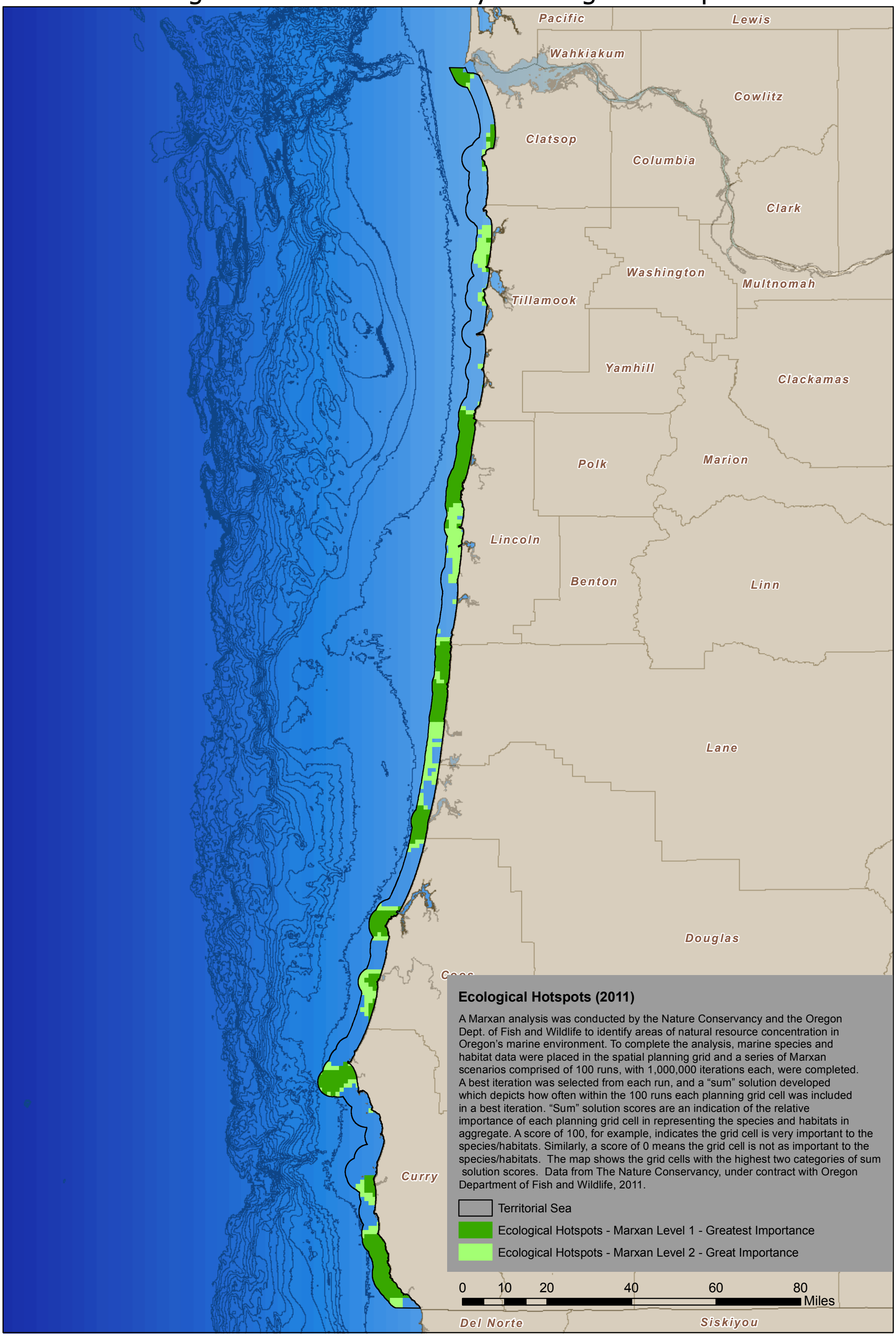
Territorial Sea

Western Snowy Plover Critical Habitat

0 10 20 40 60 80
Miles

Territorial Sea Plan Part Five Appendix B - Plan Map

Ecological Resource Inventory - Ecological Hotspots



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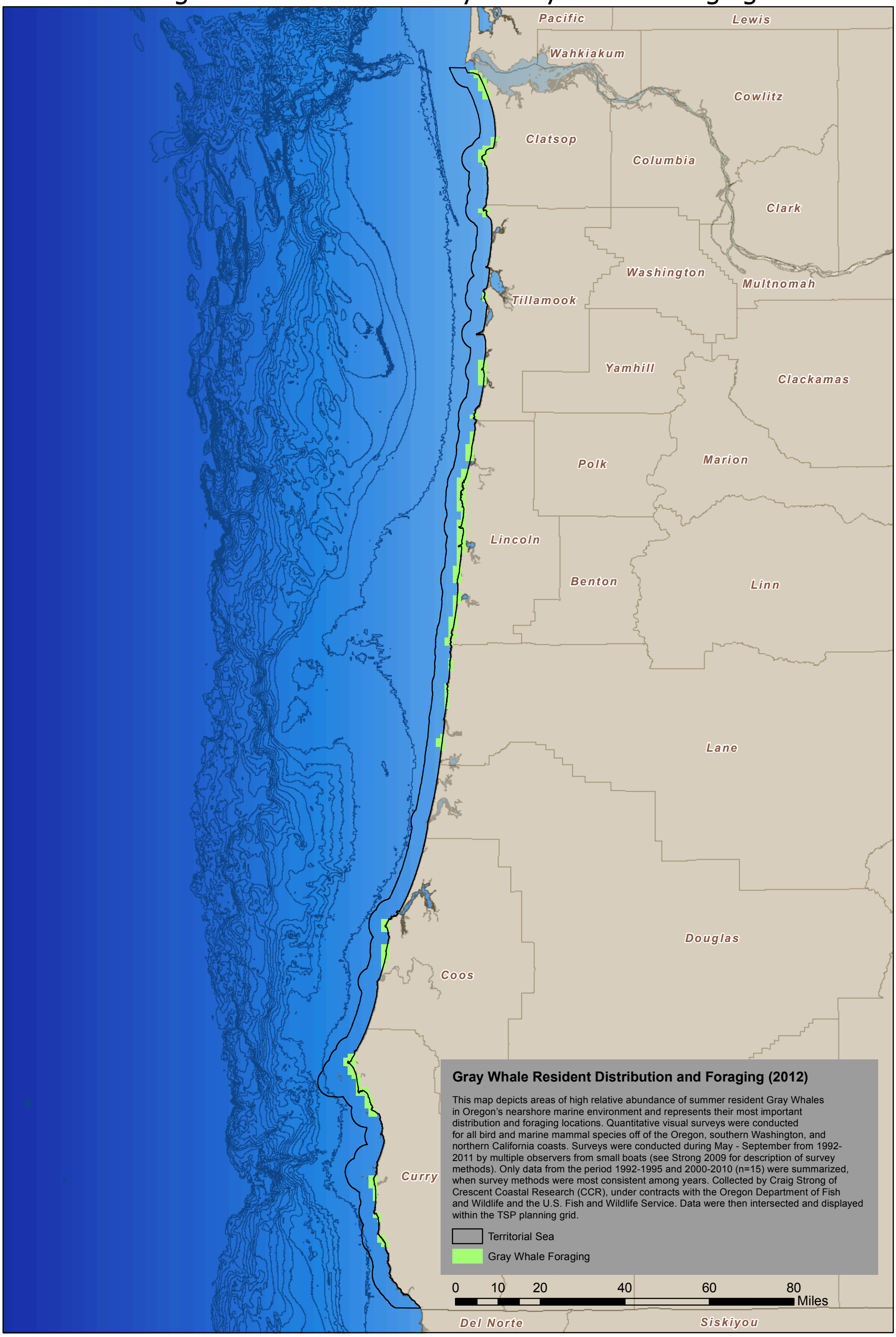
Ecological Resource Inventory - Gray Whale Foraging



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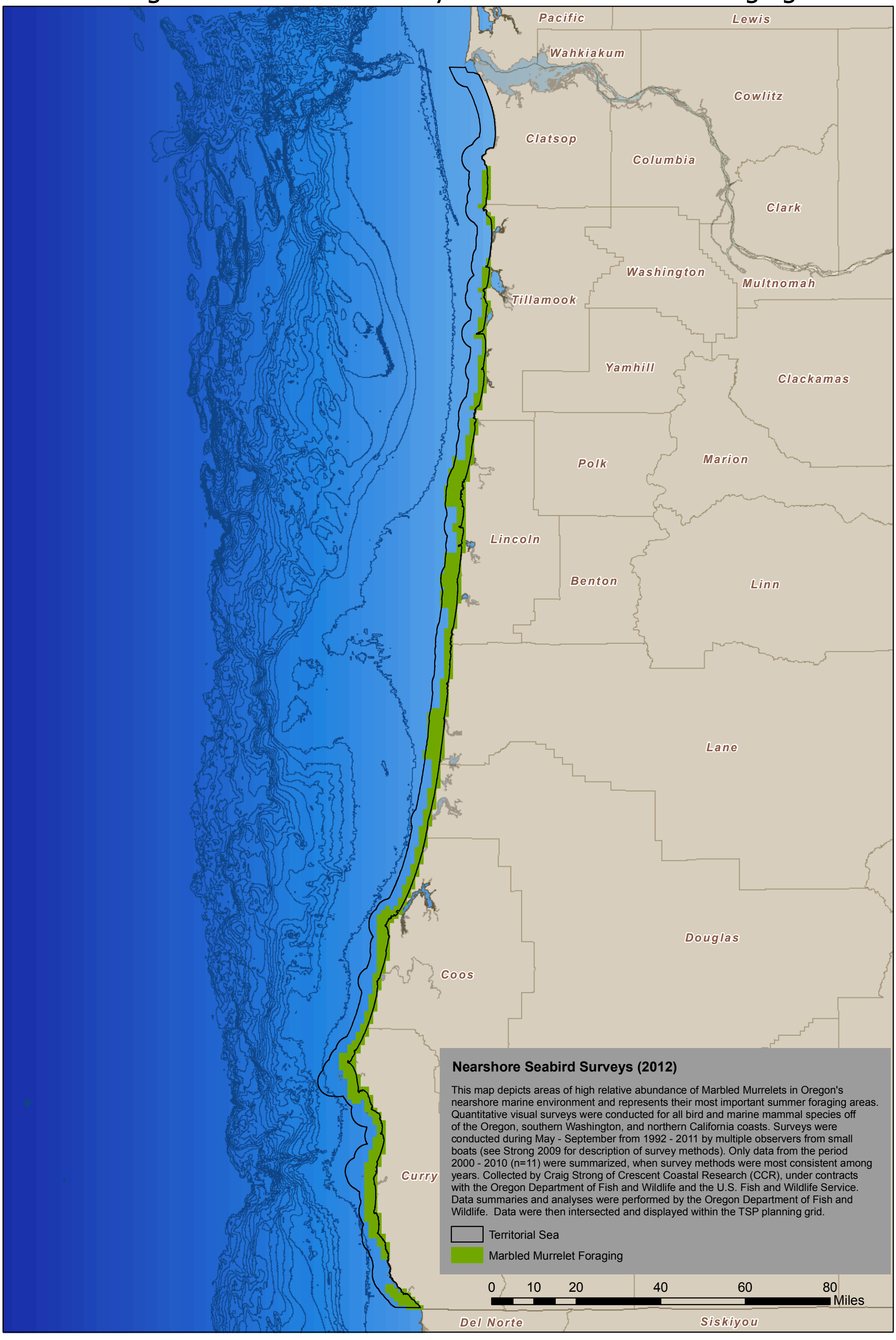
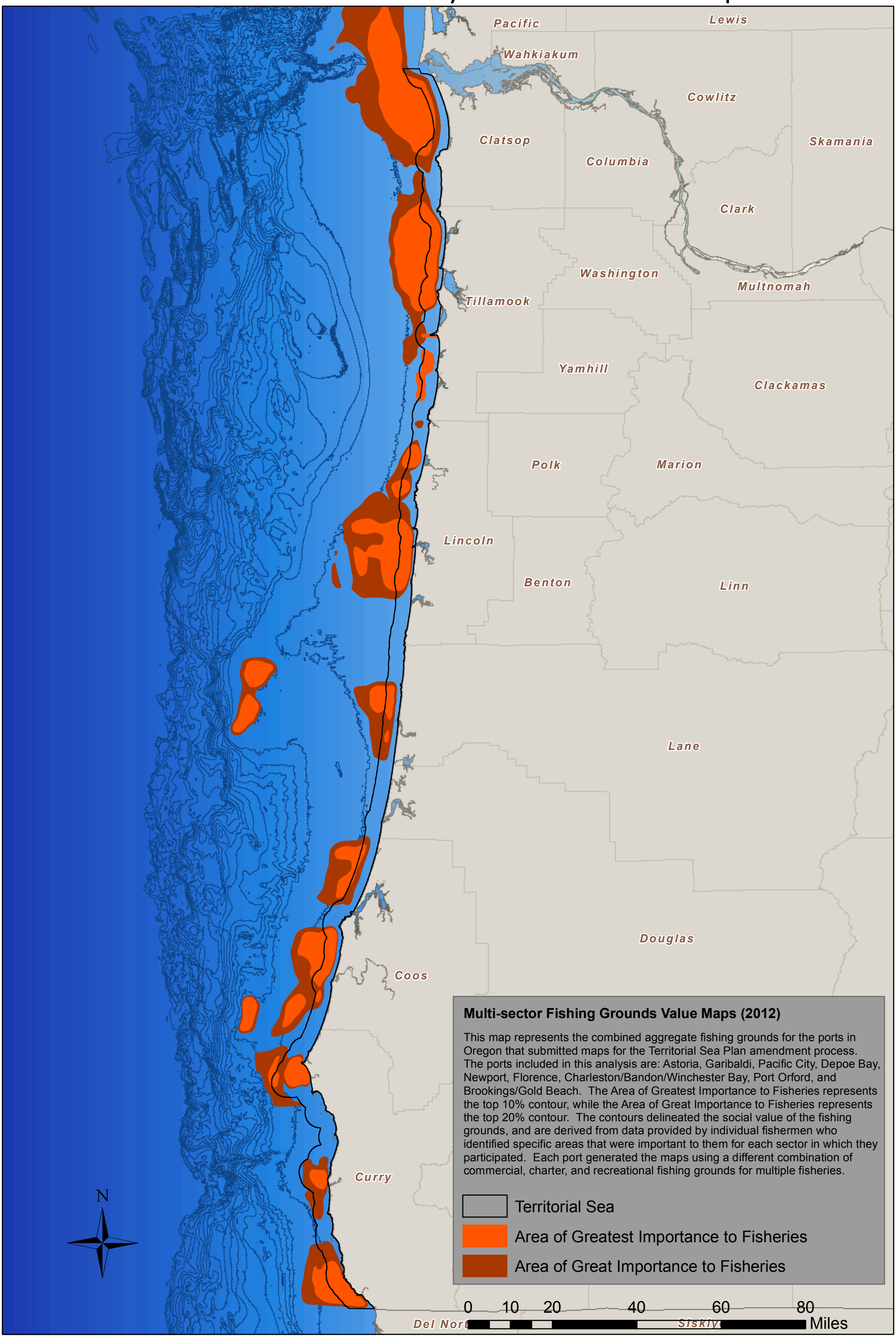
Ecological Resource Inventory - Marbled Murrelet Foraging



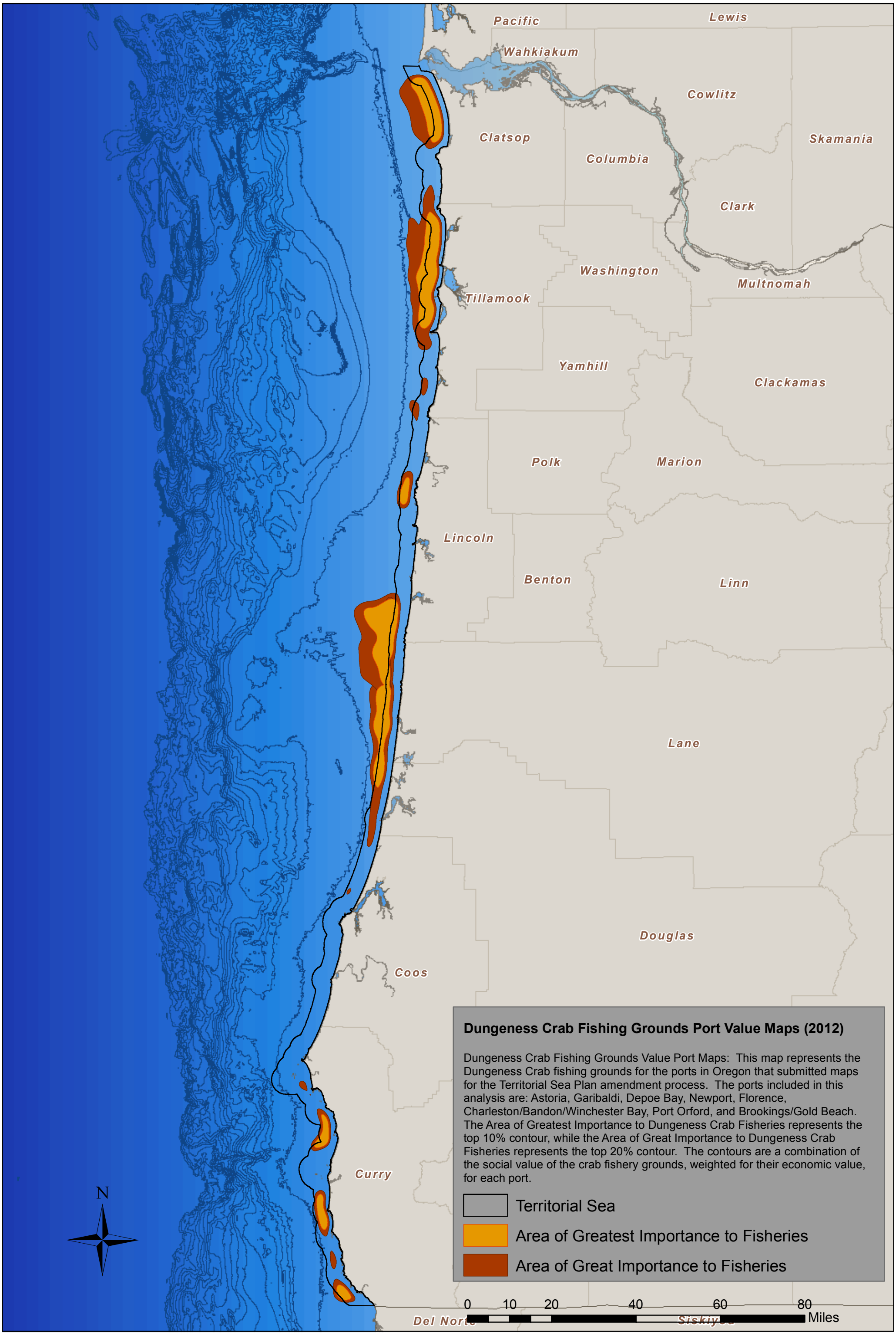
Territorial Sea Plan Part Five Appendix B - Plan Map

Fisheries Resource Inventory - Multisector Port Maps



Territorial Sea Plan Part Five Appendix B - Plan Map

Fisheries Resource Inventory - Dungeness Crab Port Fishery Maps



Territorial Sea Plan Part Five Appendix B - Plan Map

Fisheries Resource Inventory - Dungeness Crab Statewide Map